T4 series user's manual

Version: 2.3

Table of contents

1. Introduction 1
1.1 In the box 1
1.2 T4 Printer Features 2
1.2.1 Front view 2
1.2.2 Rear view 2
1.2.3 Interior view 3
1.3 T4e Printer Features 4
1.3.1 Front view 4
1.3.2 Rear view 4
1.3.3 Interior view 5
2. Getting start 6
2.1 Loading the ribbon 6
2.2 Loading the media 10
2.3 T4 Connecting interfaces 14
2.3.1 Centronics port (Parallel port) 14
2.3.2 RS-232 port (Serial port) 14
2.3.3 USB Slave 15
2.3.4 Ethernet (Option) 15
2.4 T4e Connecting interfaces 16
2.4.1 USB Slave 16
2.4.2 Ethernet (Option) 16
2.5 Power on the printer 17
2.6 T4 Control panel 17
2.6 T4 Control panel 18
2.7 T4e Control panel 20
The key functions are available in Function mode: ..... **錯誤! 尚未定義書籤。**
3. Printer options 22
3.1 Peeler installation 22
3.2 Cutter installation 29
4. LCD screen icons 35
4.1 LCD screen information 35
4.2 Graphic symbol on LCD screen 36
5. Configuration 37
5.1 Menu structure 37
5.2 Parameters setup 40

5.2.1 User Setup....40
5.2.2 Communication setup....40
5.2.3 Print Setup....42
5.2.4 Test....44
5.2.5 Memory....44
5.2.6 Form....44
5.2.7 Warning message....45
5.2.8 Printer status....46
6. Troubleshooting....47
6.1 LCD error message....47
7. Specifications....48
7.1 T4 series general specifications....48
7.2 Universal Serial Bus (USB) port pin assignment....50
7.3 Serial port pin assignment....51
7.4 Ethernet module port pin assignment....51
Appendix A....52

About this user’s manual

Firstly, thank you for purchasing Sbarco’s T4 series printer. T4 printer could provide you a reliable, easy and clear way to print all kind of labels and barcodes you need.

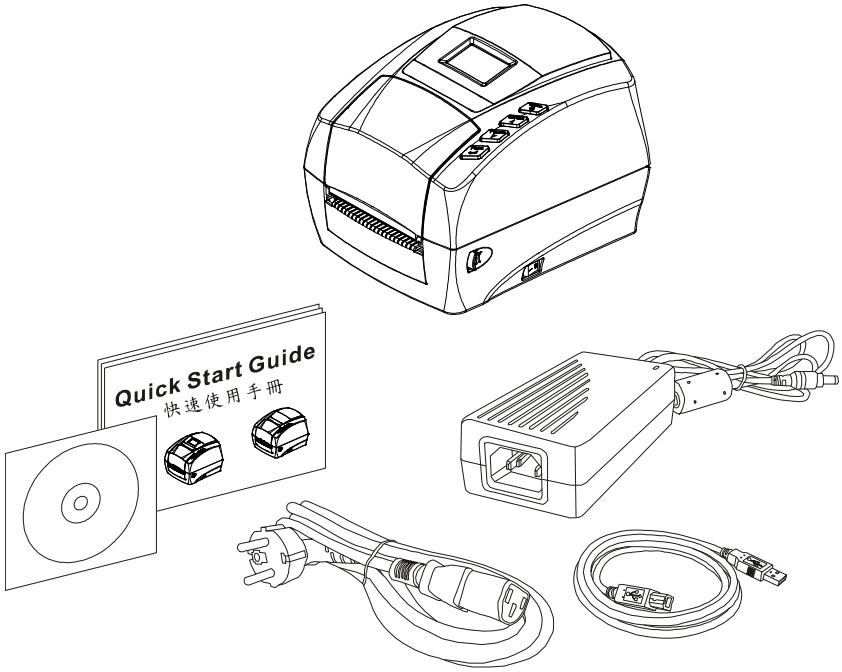
This user’s manual is described with a large quantity of illustrations, let the users understand, step by step, how to work this printer to its best. This manual includes also the troubleshooting section which could provide a pre-way to eliminate or find out the troubles, without the help of technician. If users still cannot banish the troubles from the printer, please contact directly the distributors.

1. Introduction

1.1 In the box

After unpacking, please inspect carefully and make sure that you receive all the necessary parts as below:

- ✓ Printer
- ✓ Power supply
- ✓ Power Cord (varies by country)
- ✓ Software CD ROM
- ✓ Quick start guide
- ✓ USB cable

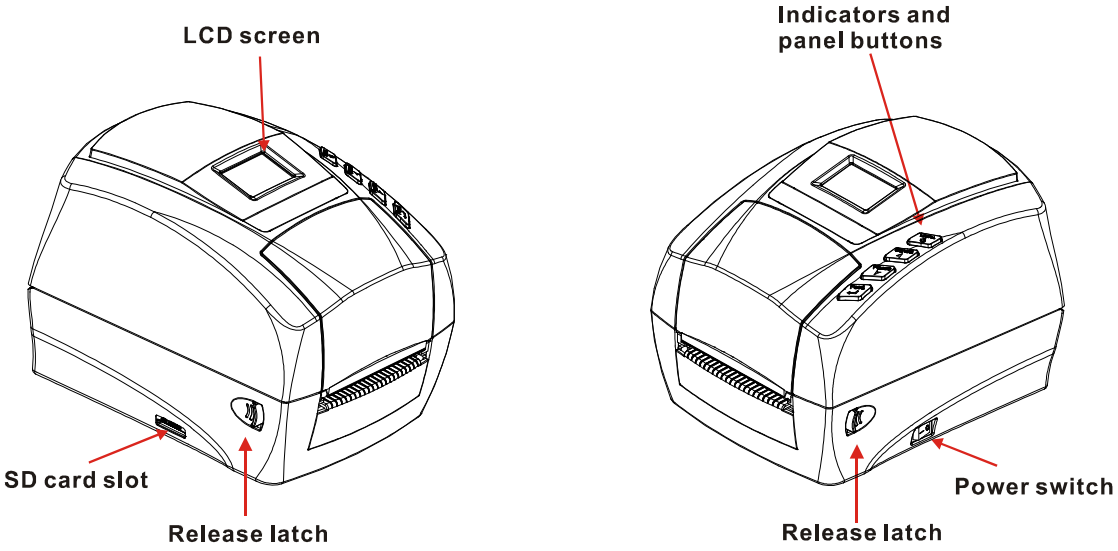


If any parts are missing, please contact the service department of your distributor.

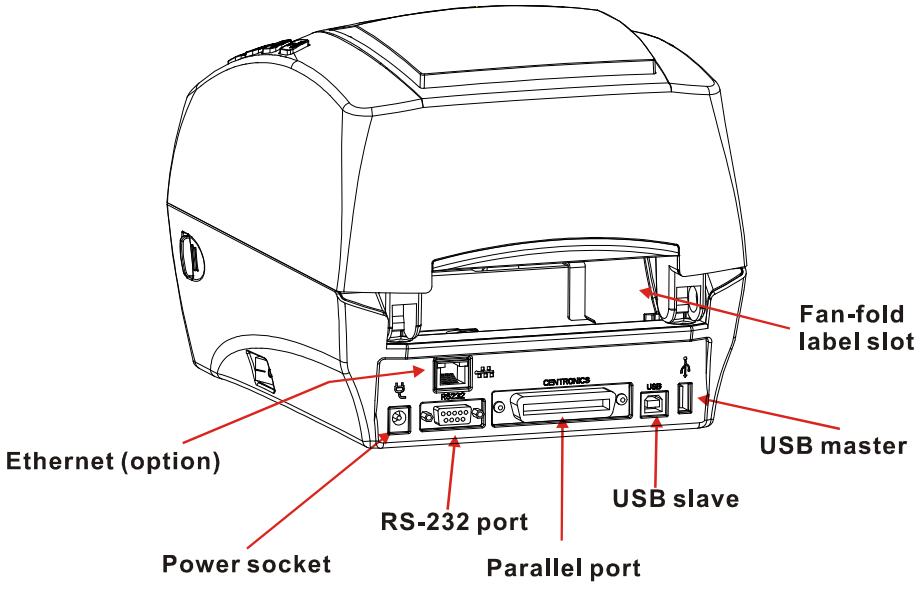
Save the carton and all packing materials in case you need to reship back.

1.2 T4 Printer Features

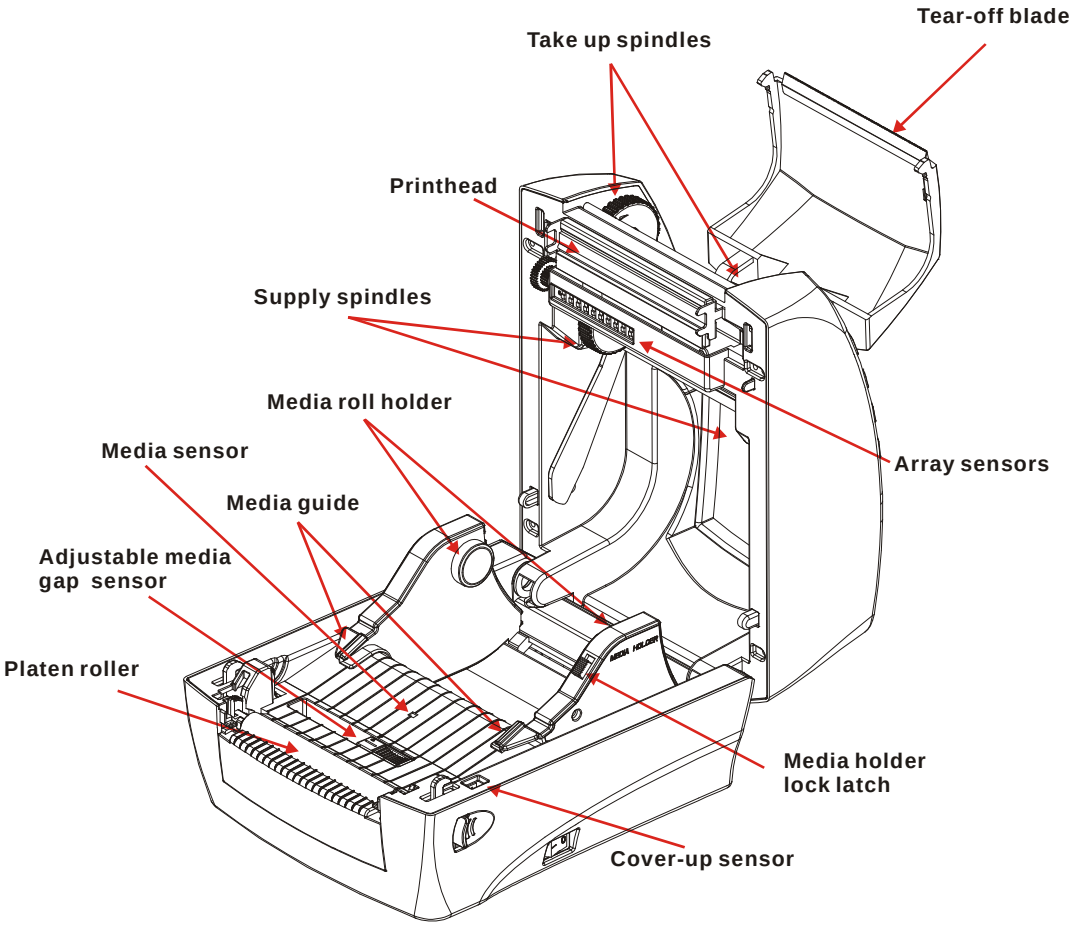
1.2.1 Front view



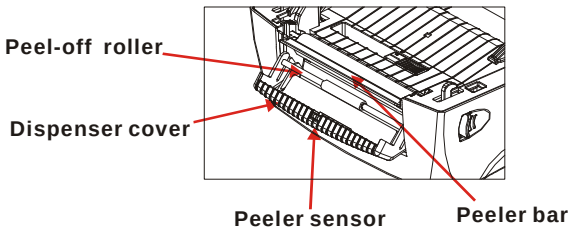
1.2.2 Rear view



1.2.3 Interior view

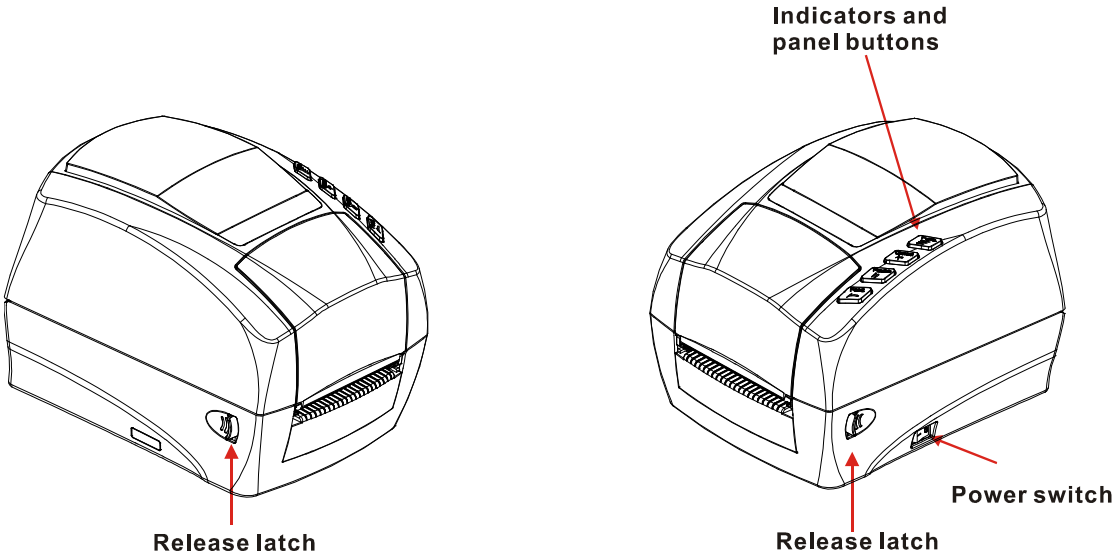


Dispenser (option)

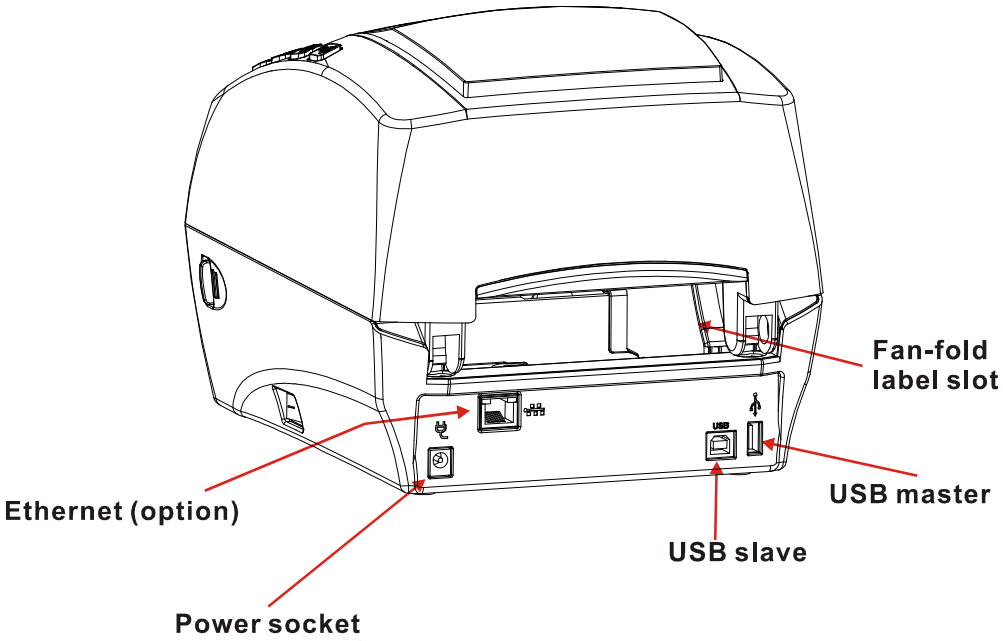


1.3 T4e Printer Features

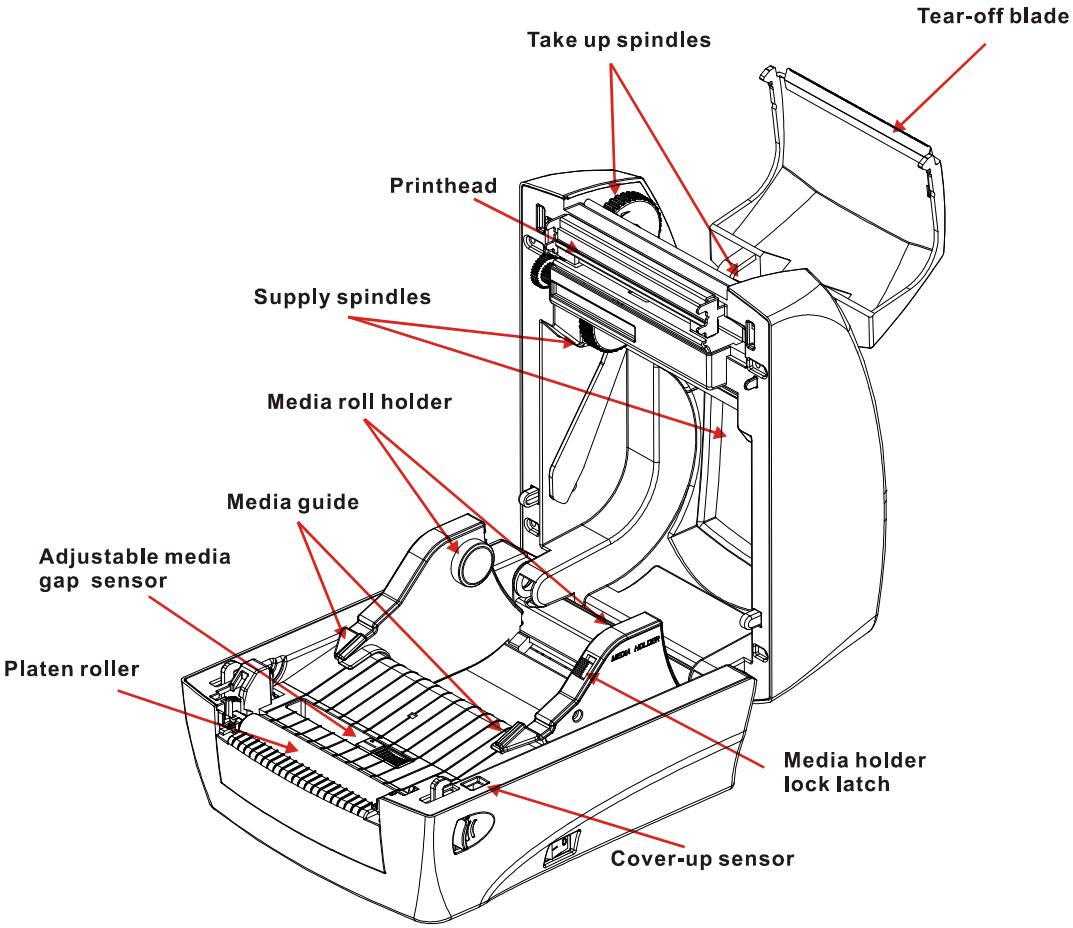
1.3.1 Front view



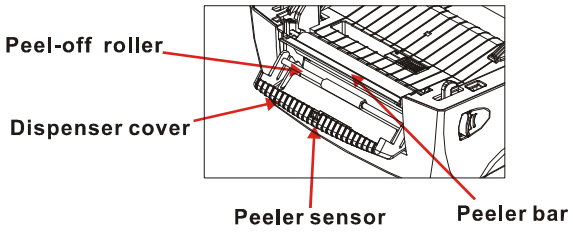
1.3.2 Rear view



1.3.3 Interior view



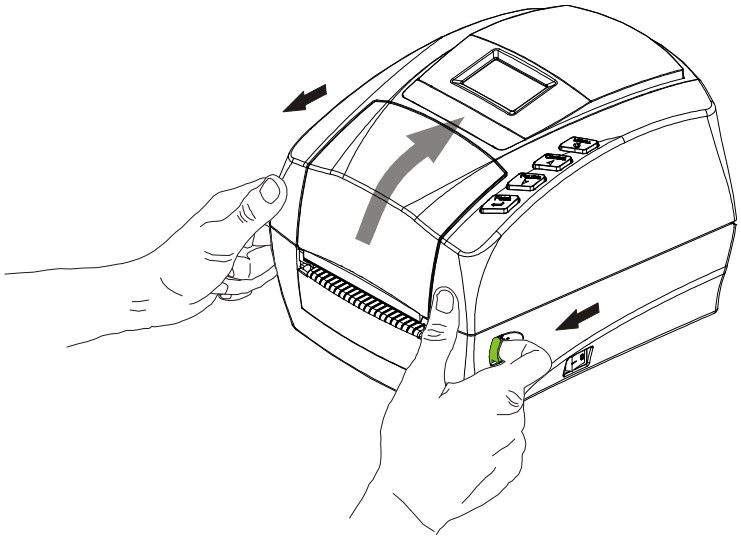
Dispenser (option)



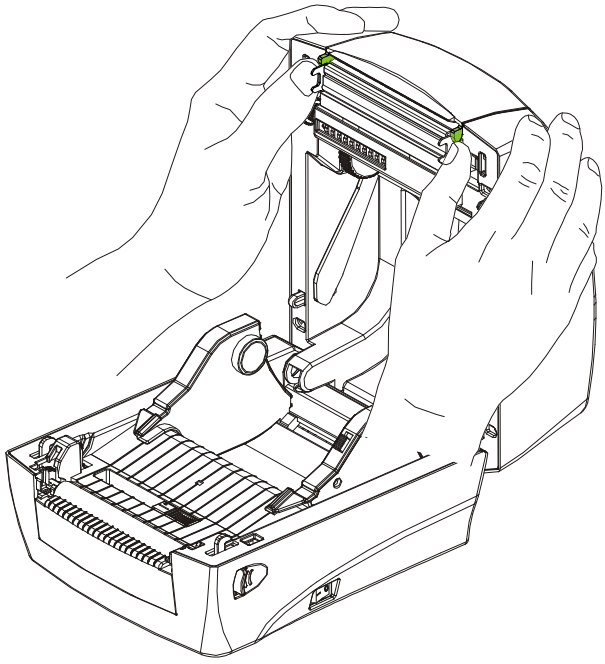
2. Getting start

2.1 Loading the ribbon

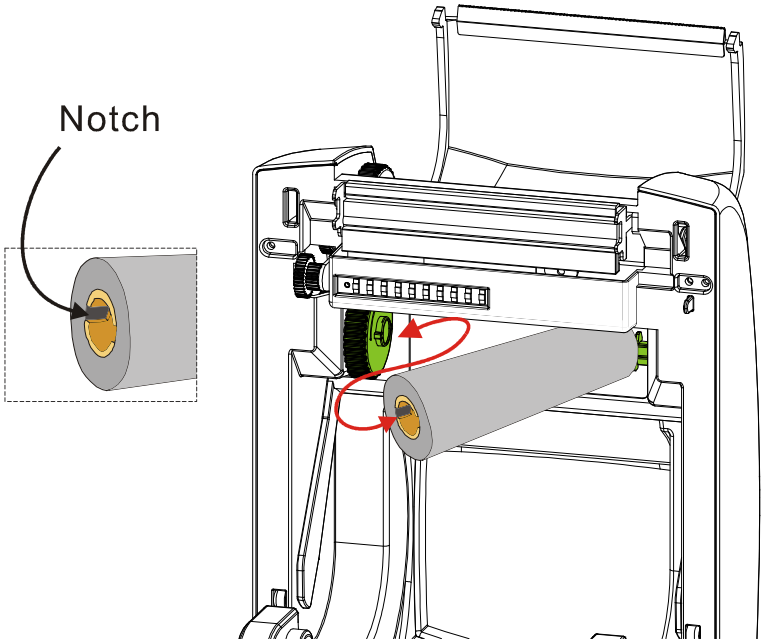
1. Pulling the release latches on two sides toward the front of printer to open the printer cover.



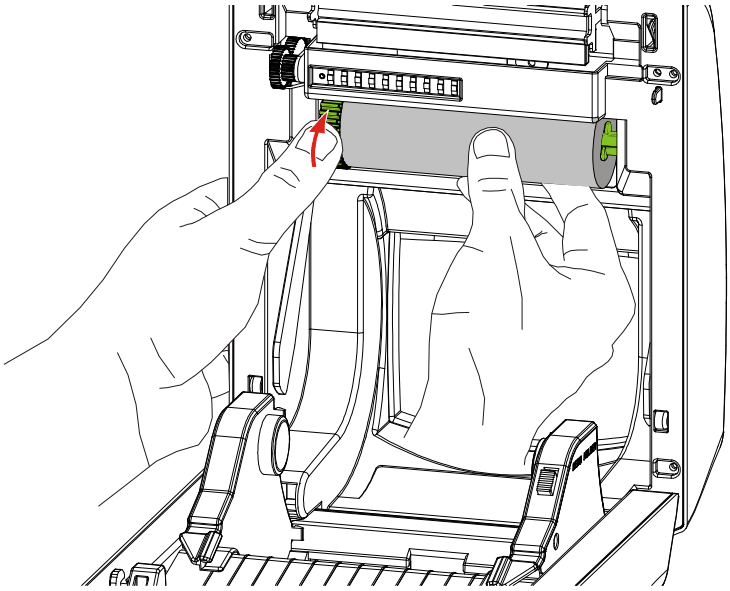
2. Open the ribbon cover by pushing the ribs (as shown in green) of ribbon cover. Do not open the ribbon cover by pushing the cover edge which installed the blade to tear off the label. It might hurt your hands if you push it hardly.



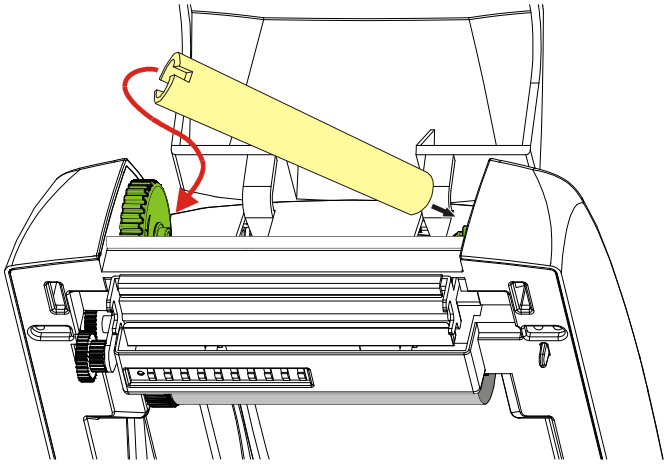
3. Insert the ribbon roll to the supply spindle.



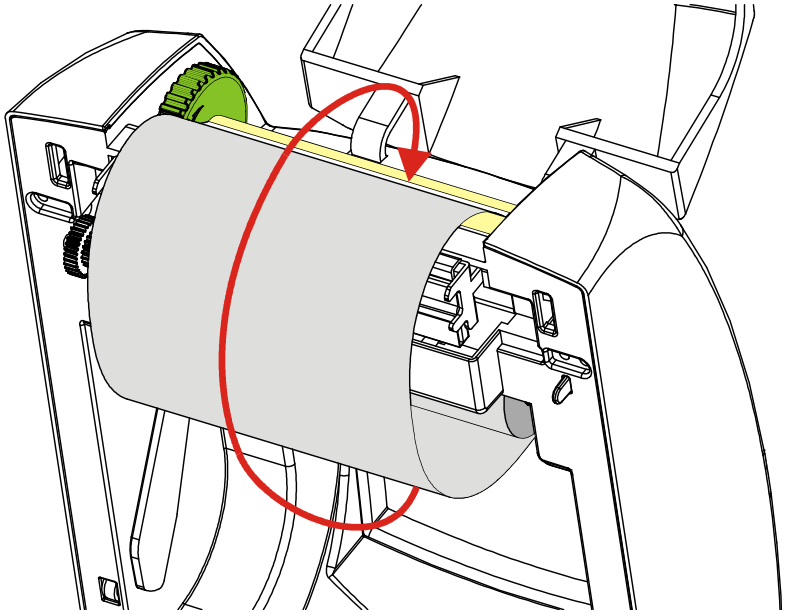
4. Rotate the supply hub until the notches align and lock in to the left side of supply hub.



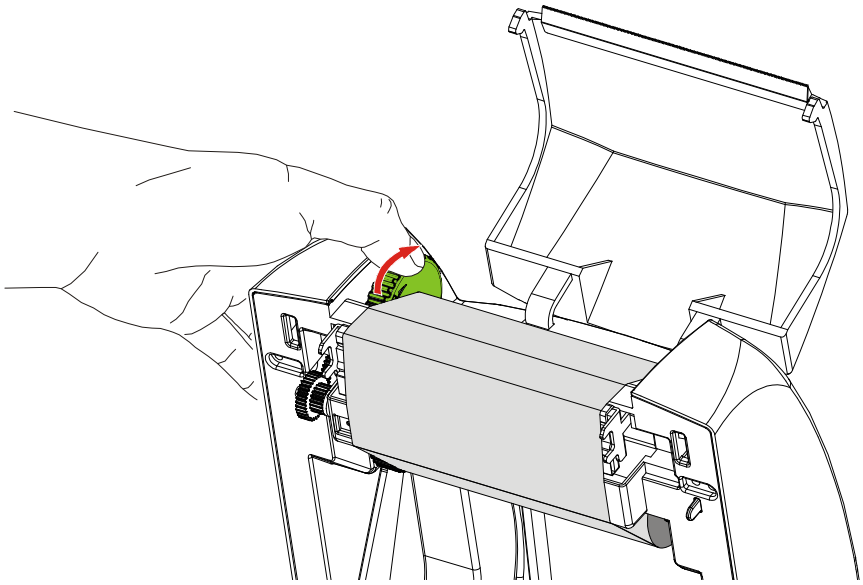
5. Insert an empty media core into the take up spindle. Rotate the take up hub until the notches align and lock on the left side of take up hub.



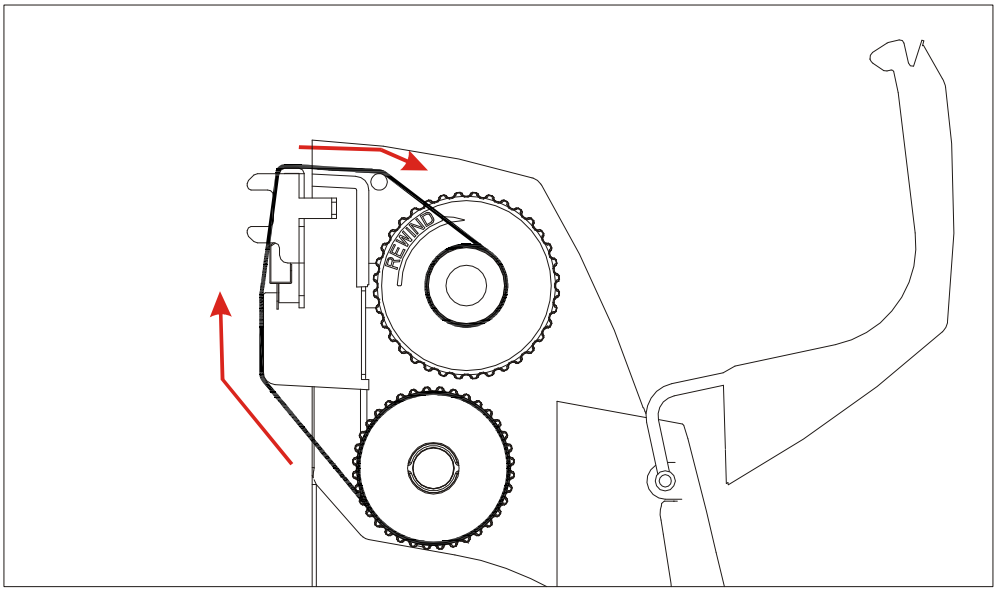
6. Pull the ribbon out from the roll and stick it with the adhesive tape on the empty ribbon take up core.



7. Rotate the take up hub on the left side of ribbon spindle till the ribbon is pulled tight.

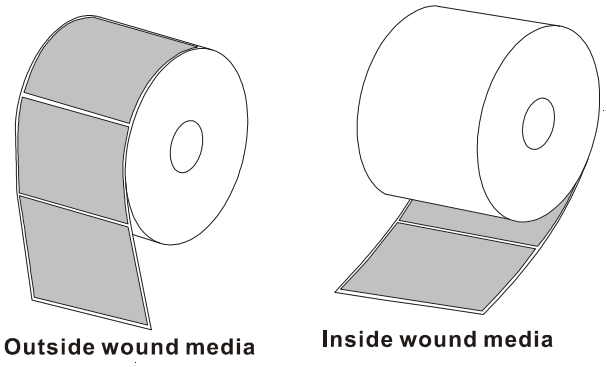


Note: The loading path of ribbon roll (outside wound)



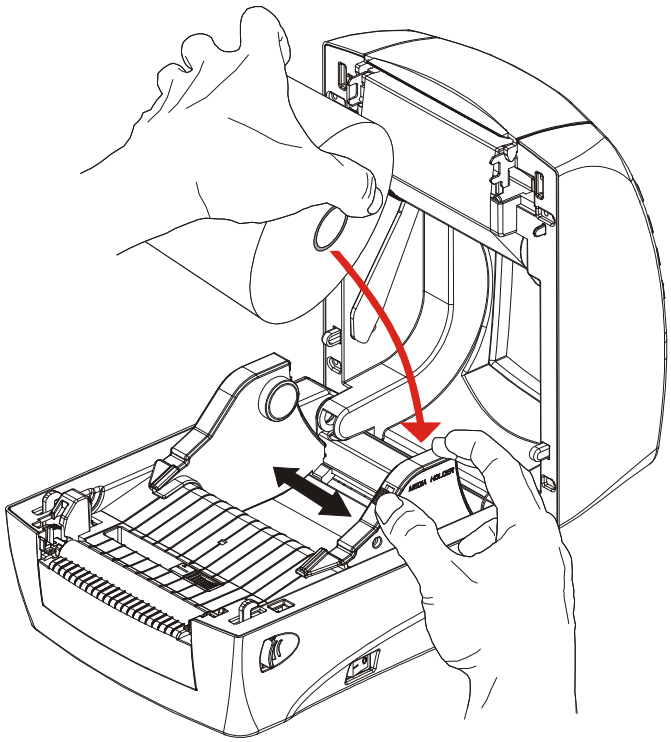
2.2 Loading the media

Whether the roll media is inside or outside wound, they could be used in this printer and loaded in the same way.

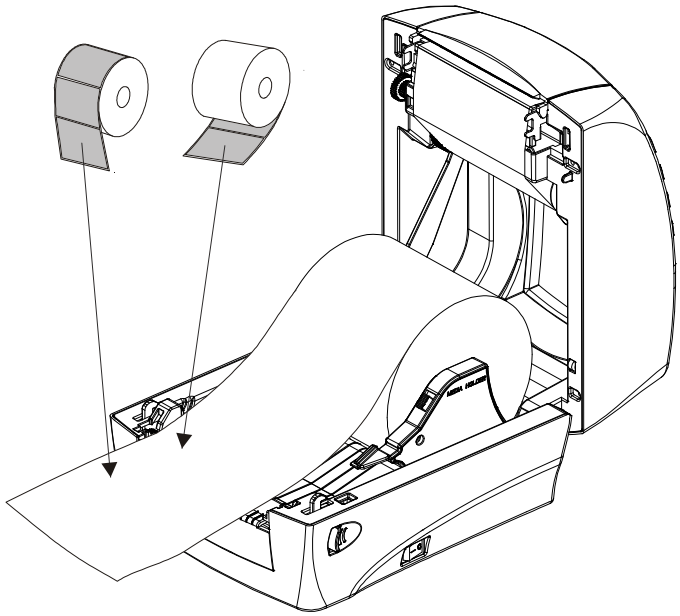


1. Open the printer cover by pulling the release latch toward the front of printer.

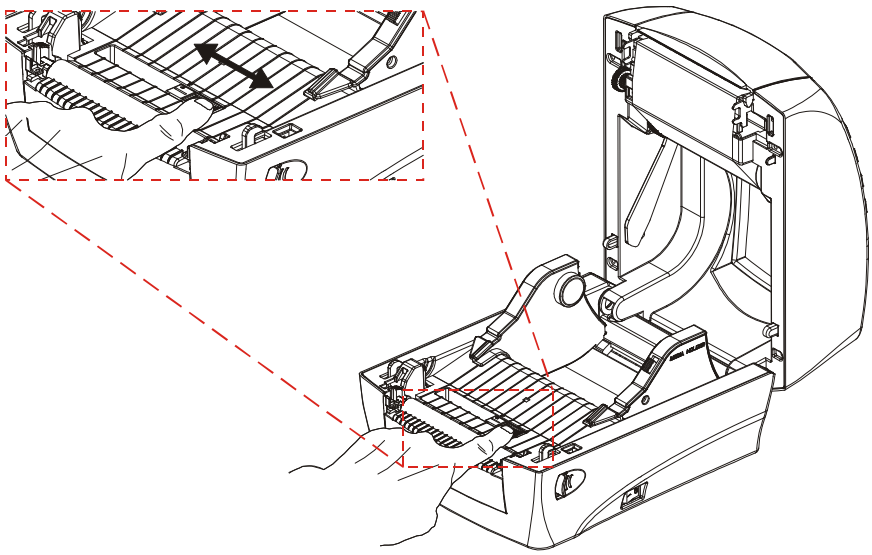
2. Press the holder latch and pull the media holders open. Place the media roll on the holders and push media holder toward the roll by pressing the holder latch. Release the latch when the media is on the holder firmly.



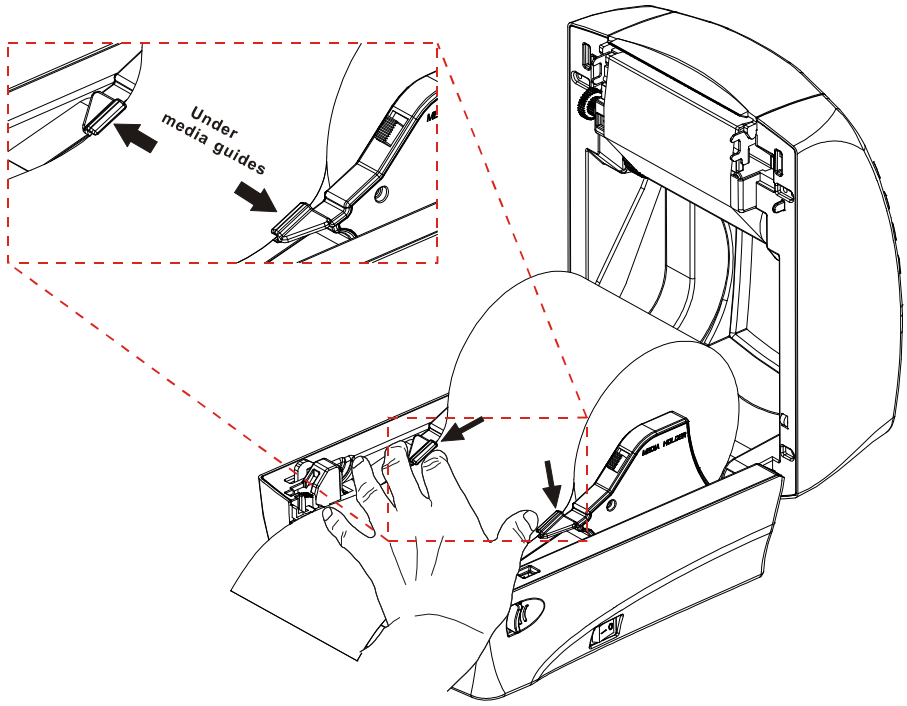
3. Pull the media so it could extend out the printer. Please make sure the printing surface is facing up.



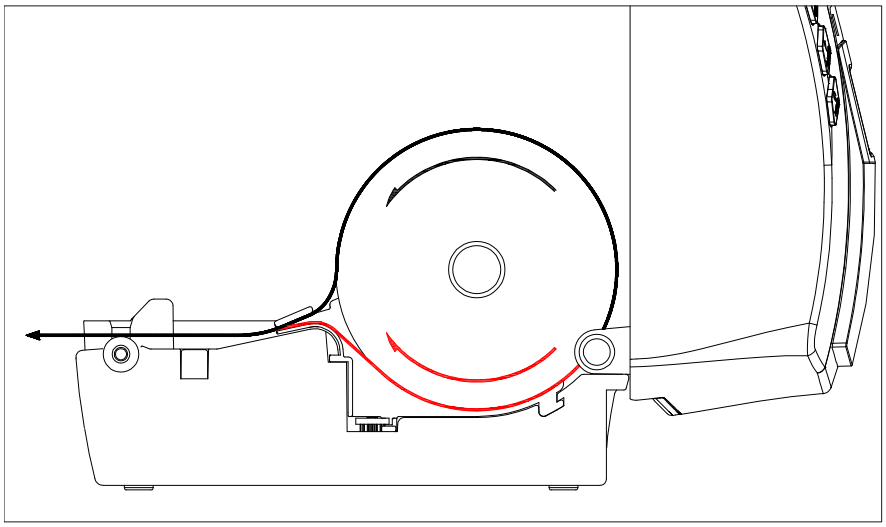
4. Before pushing the media under the guides, adjust the label senor to appropriate position to detect the labels with gap, hole or black mark.



5. Push the media under the both sides of guides.



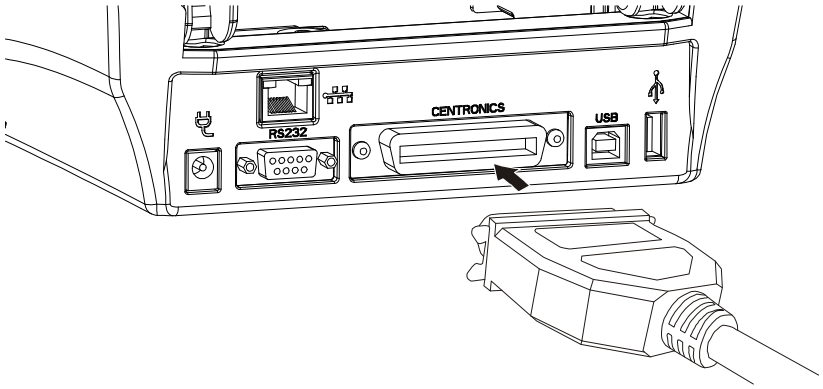
Note: The loading path of label roll (inside and outside wound)



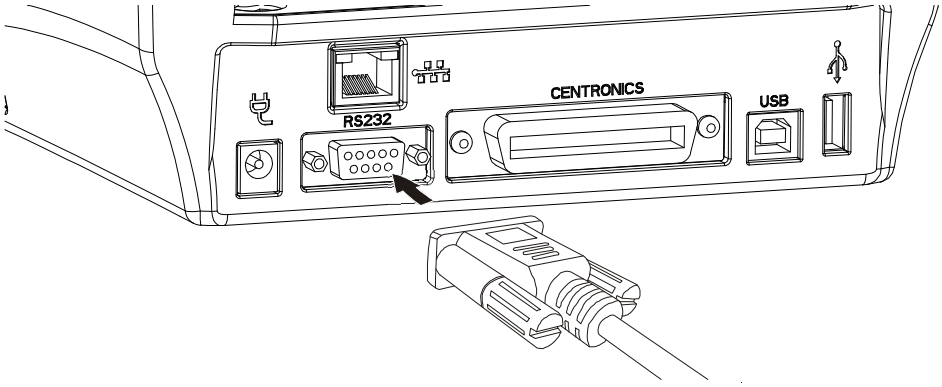
2.3 T4 Connecting interfaces

The following interfaces could be connected to PC to operate the printer:

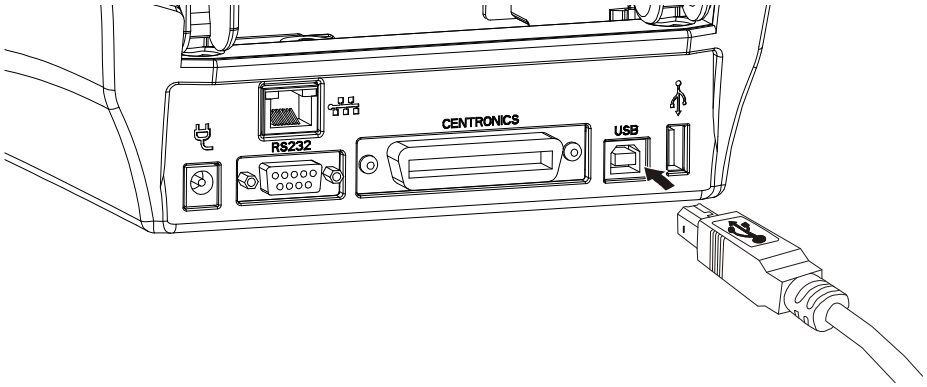
2.3.1 Centronics port (Parallel port)



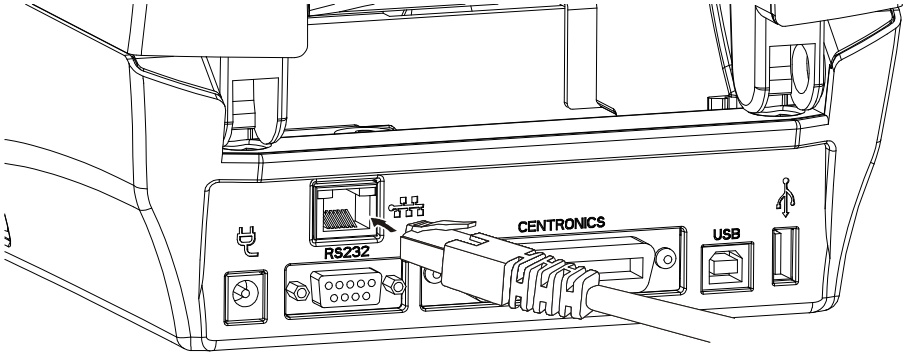
2.3.2 RS-232 port (Serial port)



2.3.3 USB Slave



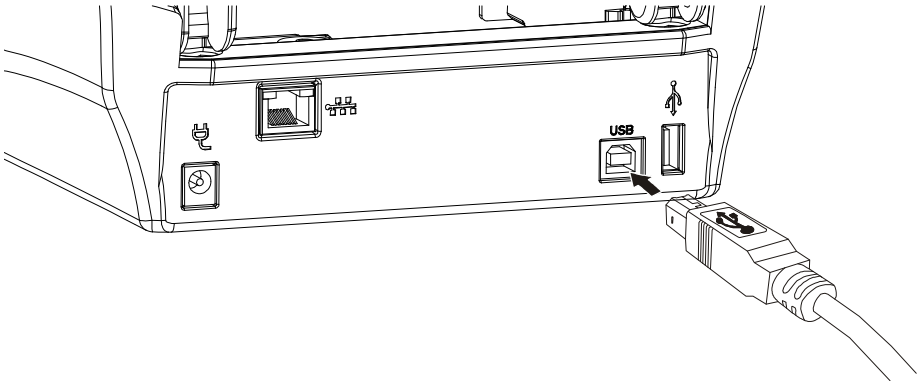
2.3.4 Ethernet (Option)



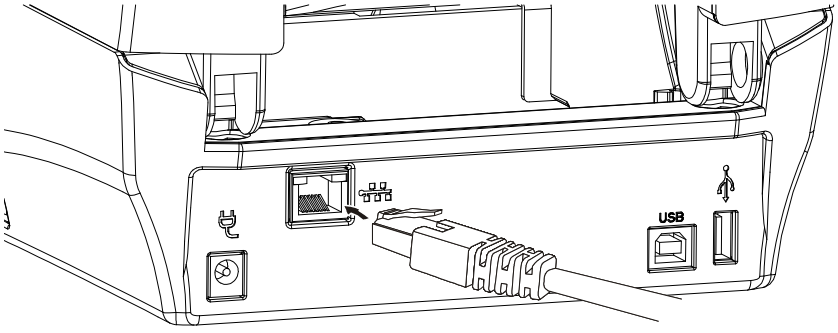
2.4 T4e Connecting interfaces

The following interfaces could be connected to PC to operate the printer:

2.4.1 USB Slave

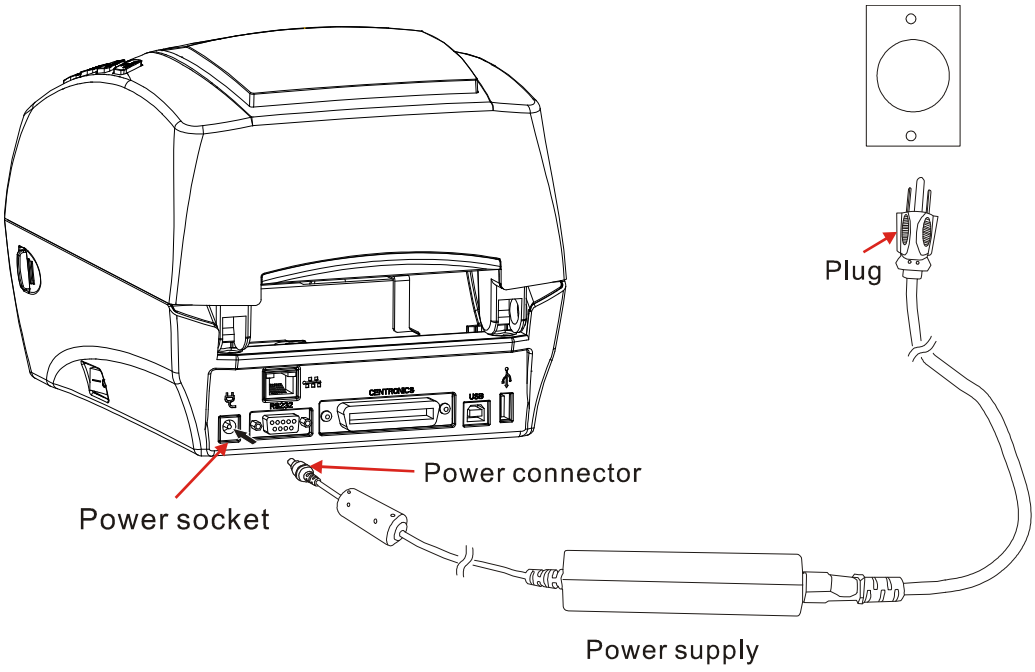


2.4.2 Ethernet (Option)



2.5 Power on the printer

1. Make sure the printer power switch is off
2. Plug the power connector into the power socket at the rear side of printer.
3. Plug the power cord on the power outlet.
4. Turn the printer power switch to on.



Caution. Please ensure that the printer power is off before connecting the interface cable. Connecting the interface cable while printer power is on might cause the damage on printer.

2.6 T4 Control panel

The key functions are available under the printer **READY** mode

Button	Appearance	Function
Menu		Enter the menu list to setup the printer configuration
Feed		Feed a blank label

The key functions are available under the printer **PRINTING** mode

Button	Appearance	Function
Cancel		• Stop and cancel the current printing job • Removes the error status when problem is resolved.
Pause		Stop and restart the printing process

The key functions are available in Menu mode

Button	Appearance	Function
Return		Return back to previous menu level
Up		• Scroll up the menu options • Increase the parameter values
Down		• Scroll down the menu options • Decrease the parameter values
Enter		Confirm the selected option

The key functions are available under “Menu/Test/Cal”

Button	Appearance	Functions
Pause		Label calibration Mode 2 for following cases 1. For darker ribbon and transparent label under see-through sensor 2. Pre-print on back of label with hole under reflective sensor
Feed		Standard calibraion

Buttons light

Cancel		Flash in red Bi-sound	Error message • Ribbon out (error) • Label out (error) • Top cover opened
Cancel Menu		Flash in red light Flash in blue light Bi-sound	Error message • Gap out
Cancel Pause		Flash in red light Flash in blue light Bi-sound	Error message • Label out (error)
Cancel Feed		Flash in red light Flash in blue light Bi-sound	Error message • Ribbon out (error)

2.7 T4e Control panel

The key functions are available under the printer **READY** mode

Button	Appearance	Function
Func.		Enter printer function mode
Feed		Feed a blank label

Note: Press func. key for over 2 seconds to enter the function mode. When printer is in function mode, Func. key will keep flashing till the Func. key is pressed again to escape the function mode.

The key functions are available under the printer **PRINTING** mode

Button	Appearance	Function
Cancel		• Stop and cancel the current printing job • Removes the error status when problem is resolved.
Pause		Stop and restart the printing process

The key functions are available in Function (Func. button keep flashing):

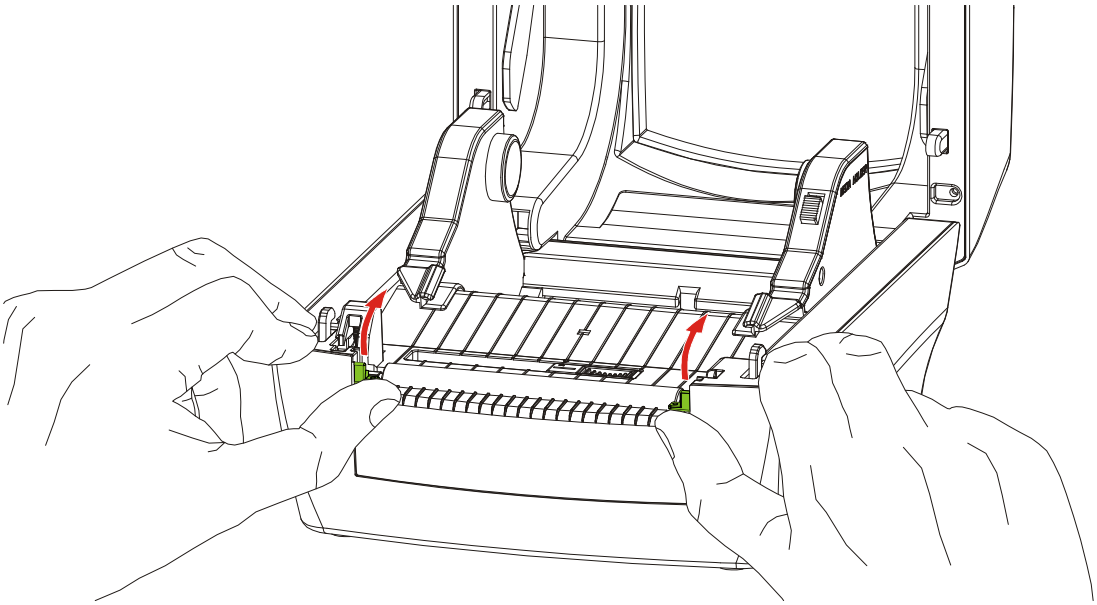
Button	Appearance	Function
Cancel		Standard calibration
Pause		Label calibration mode 2 for following case 1. Pre-print on back of label with hole under reflective sensor
Feed		1. Press Feed button can print configuration page 2. Press and hold Feed button for 2 second, all LED lights keep flashing until stop, then it reset the printer

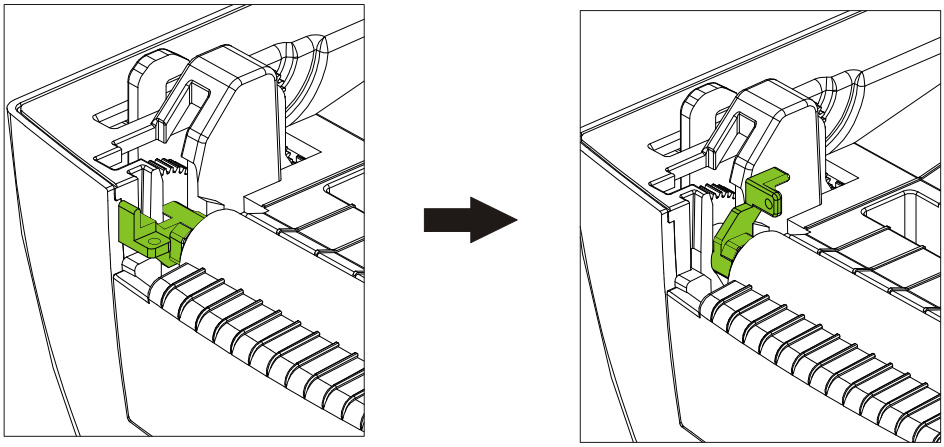
Buttons light			
Cancel		Flash in red light	Error message • Ribbon out (error) • Label out (error) • Top cover opened
Cancel Func.		Flash in red light Flash in blue light	Error message • Gap out
Cancel Pause		Flash in red light Flash in blue light	Error message • Label out (error)
Cancel Feed		Flash in red light Flash in blue light	Error message • Ribbon out (error)

3. Printer options

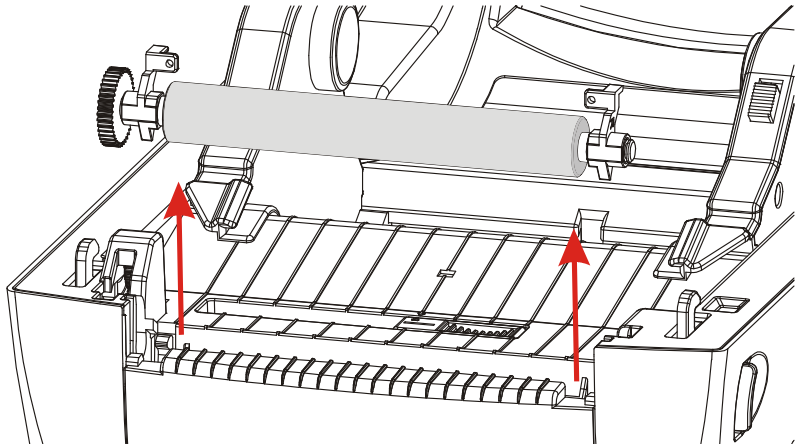
3.1 Peeler installation

1. Push the platen bearing tabs on the right and left sides upwards and rotate them backwards to the end.

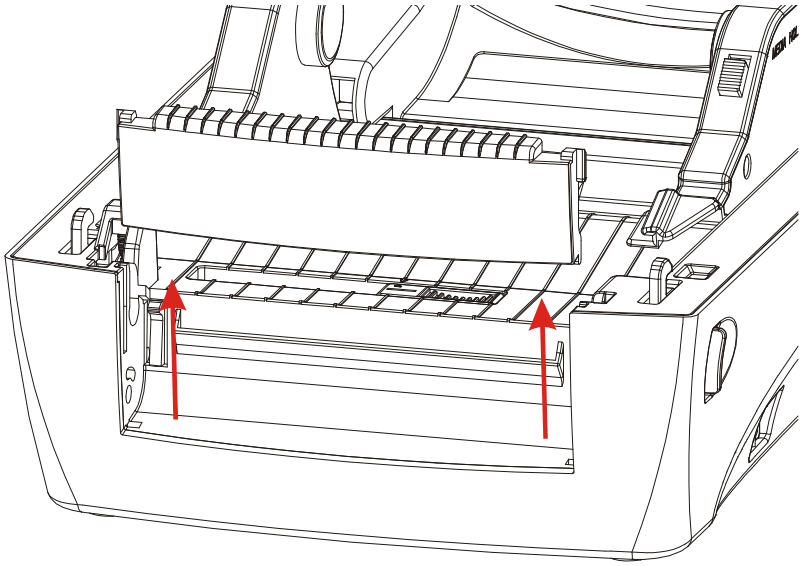




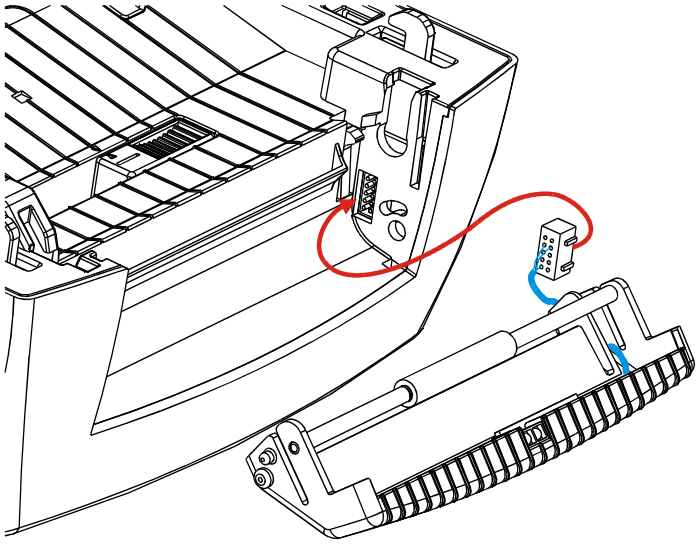
2. Lift vertically the platen from the bottom case of printer.



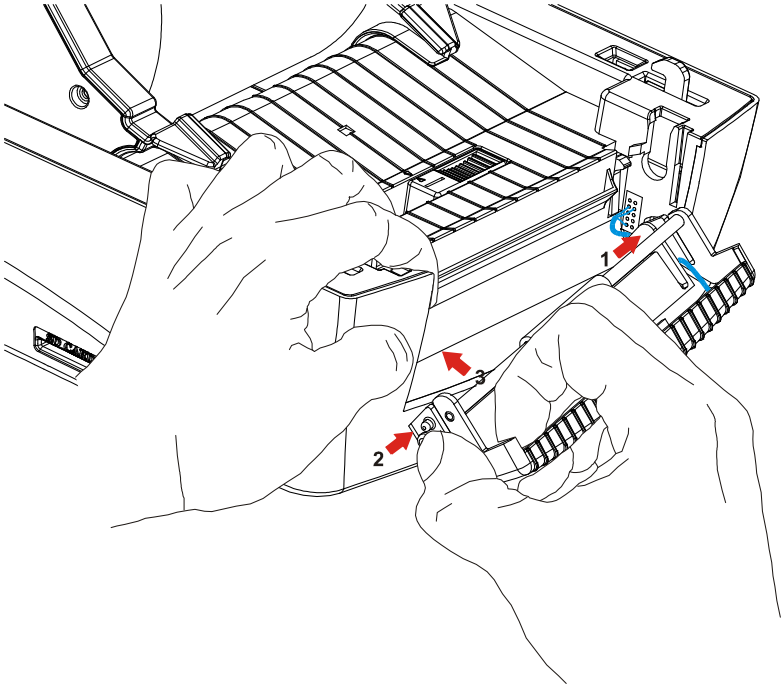
3. Lift vertically the front cover from the bottom case of printer.



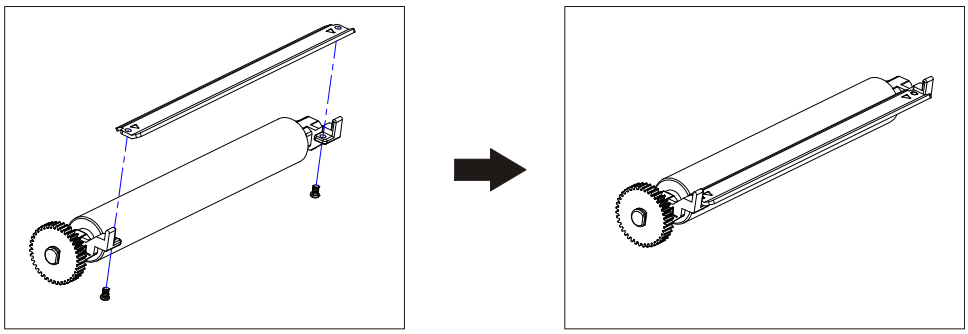
4. Insert the peeler cable to printer. (Please follow the correct connector side as figure shown to insert the cable)



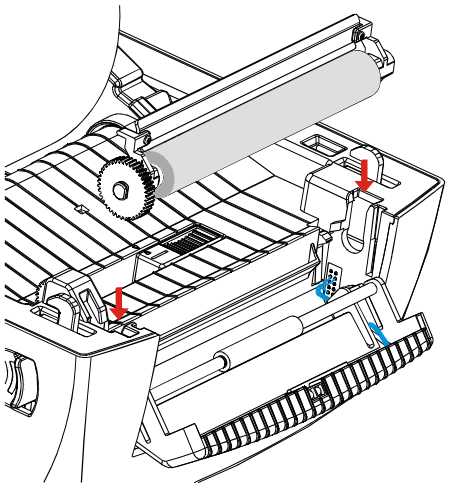
5. Insert firstly the right side of peeler module to the relative holes of printer (arrow 1), press the lower part of left side of module (arrow 2), then push the left side of module to the relative holes of printer to fix firmly the peeler module on printer (arrow 3).



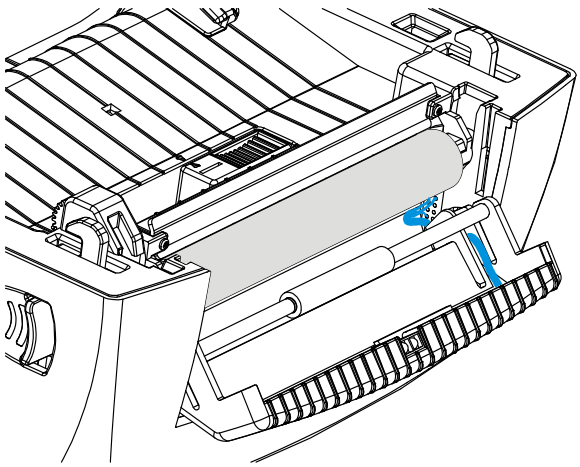
6. Screw up the metal plate on the platen. The metal plate with arrow symbol is upward side.



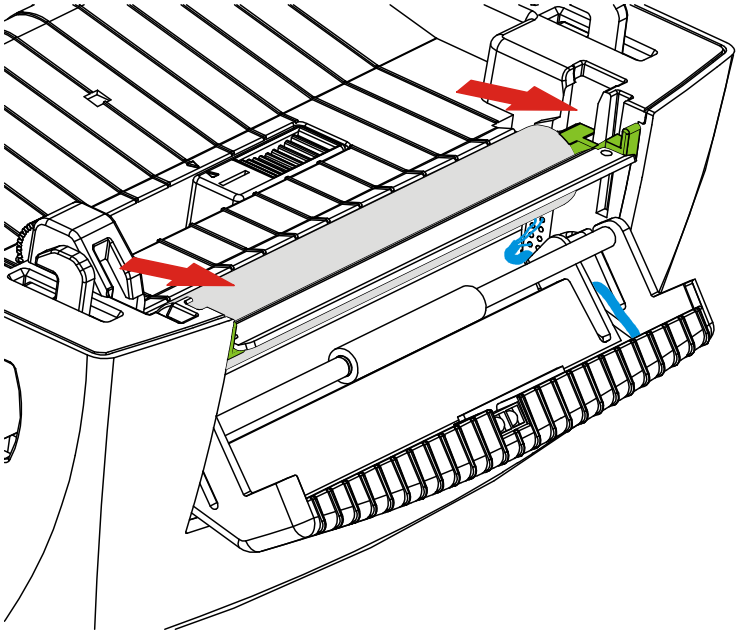
7. Put the platen screwed with metal plate back to printer



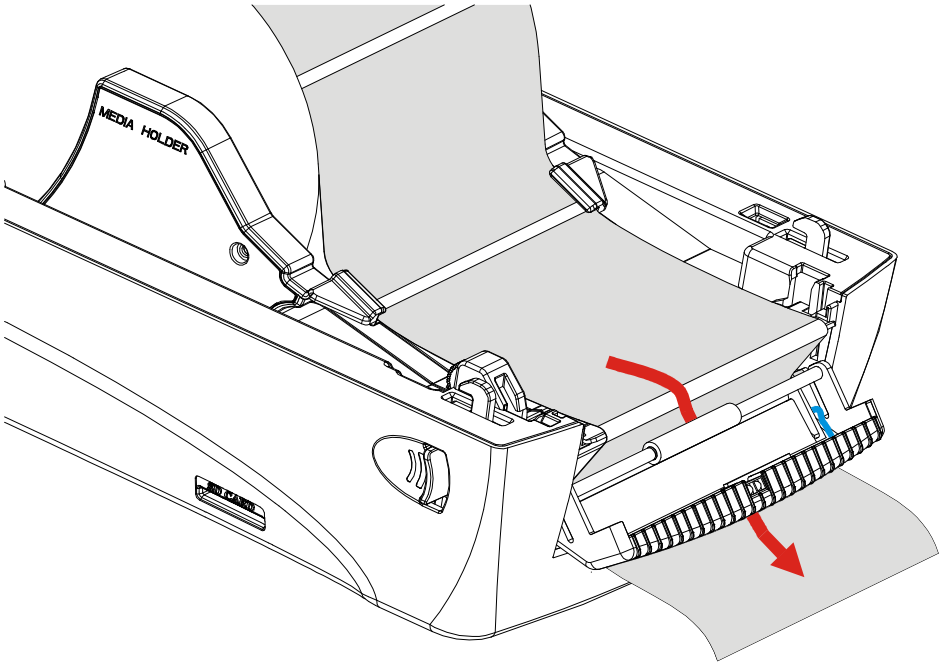
8. Assure the platen is fixed firmly in printer.



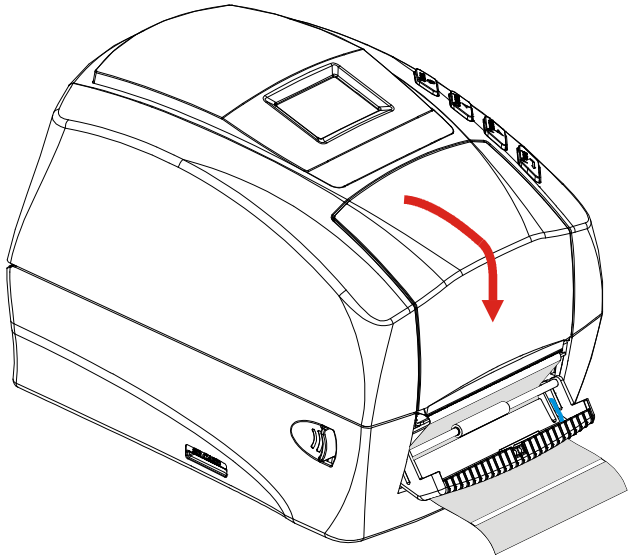
9. Push the platen bearing tab forward to lock the platen.



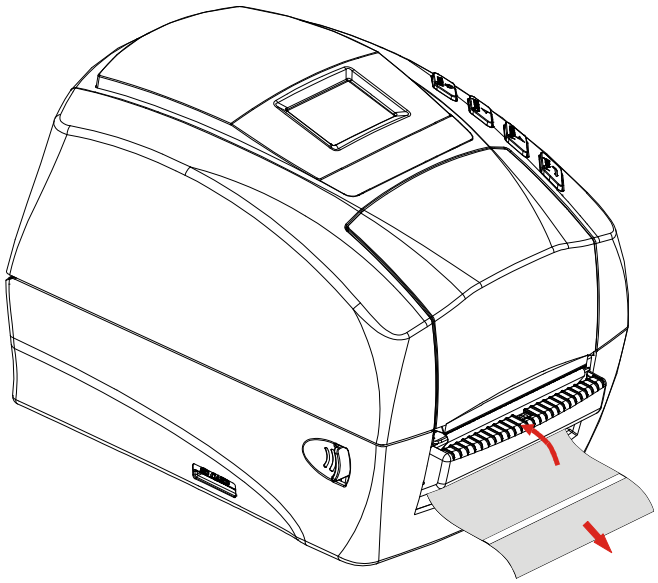
10. Lead the label through the back of peel-off bar, as figure show.



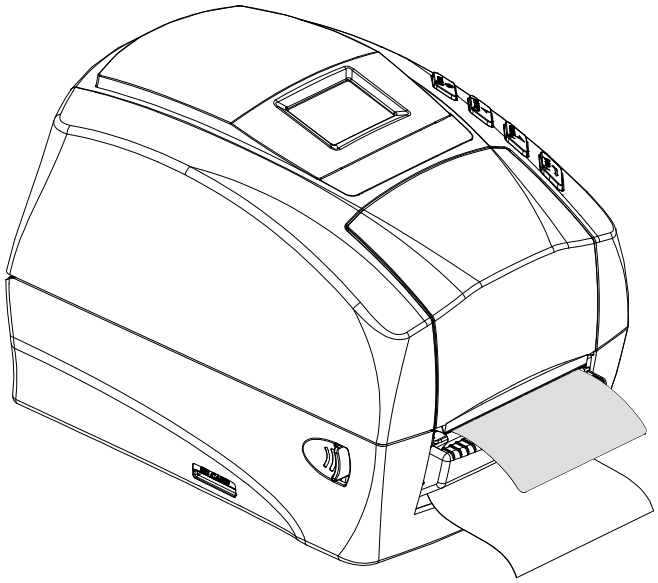
11. Close the top cover



12. Pull the label to the direction as the figure show, then push the peel-off panel back to printer.



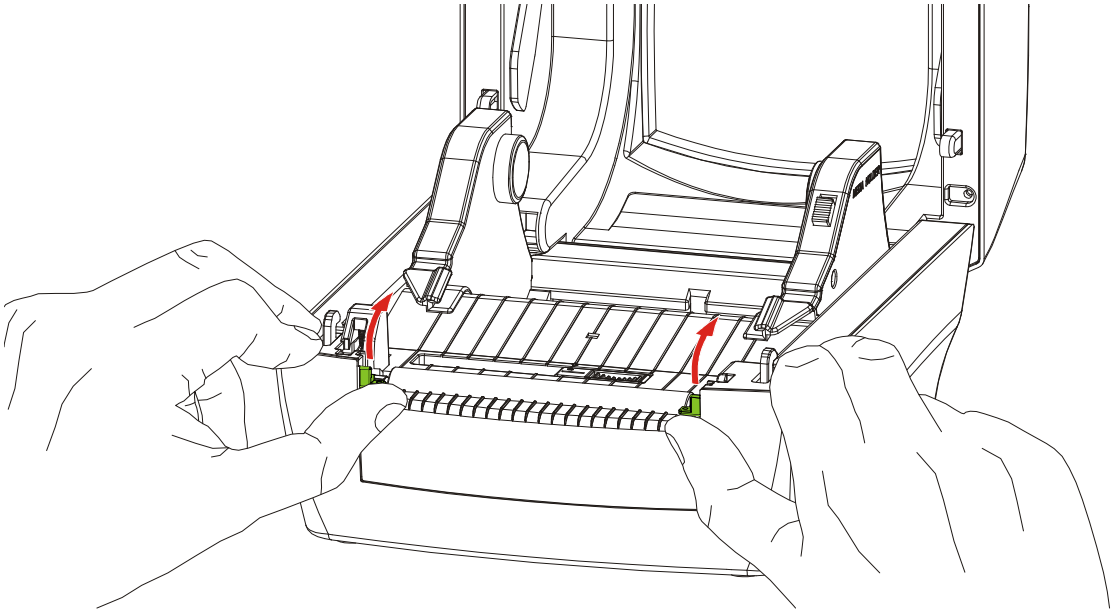
13. Press the Feed button to test the peeler function.

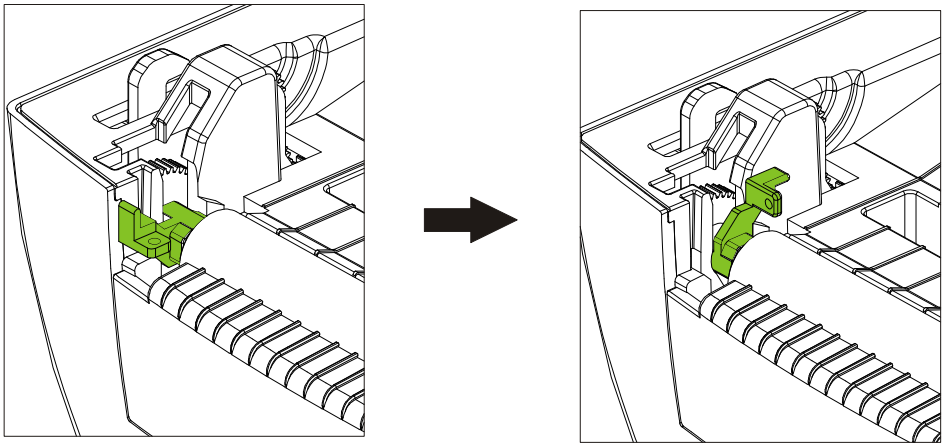


Note: The transfer board need to be installed before installing the peeler kit.

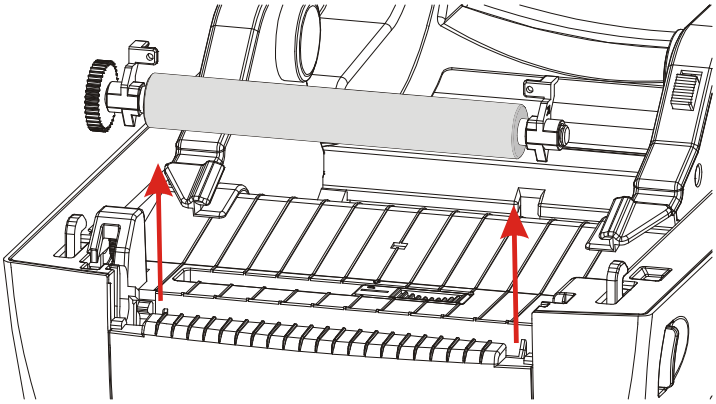
3.2 Cutter installation

1. Push the platen bearing tabs on the right and left sides upwards and rotate them backwards to the end.

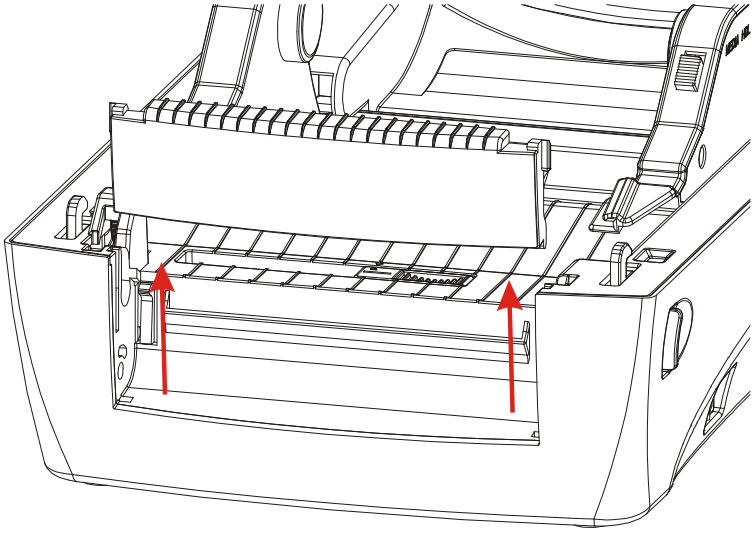




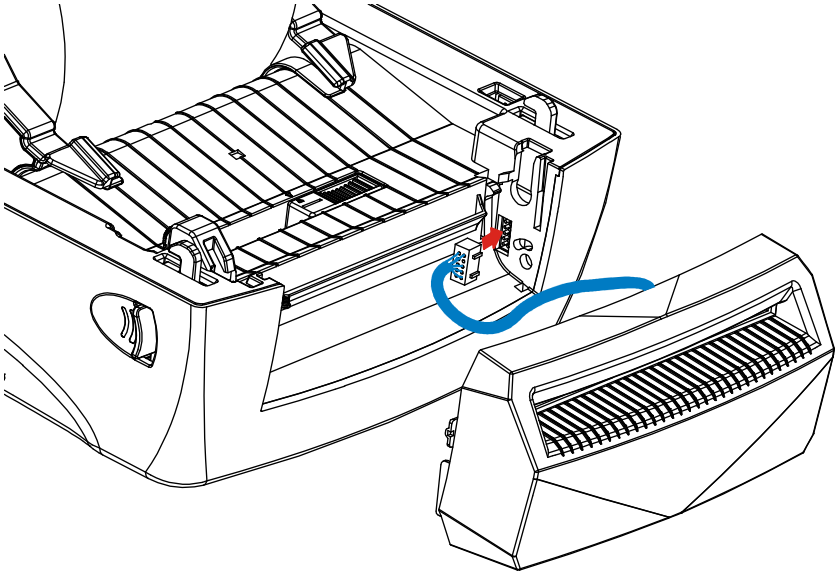
2. Lift vertically the platen from the bottom case of printer.



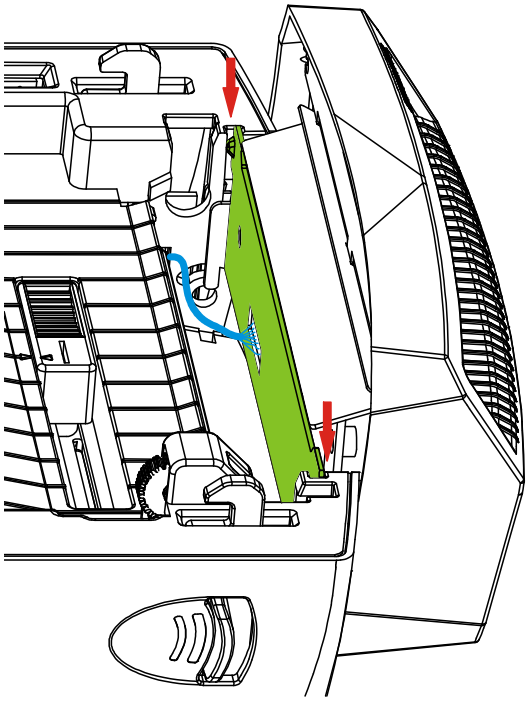
3. Lift vertically the front cover from the bottom case of printer.



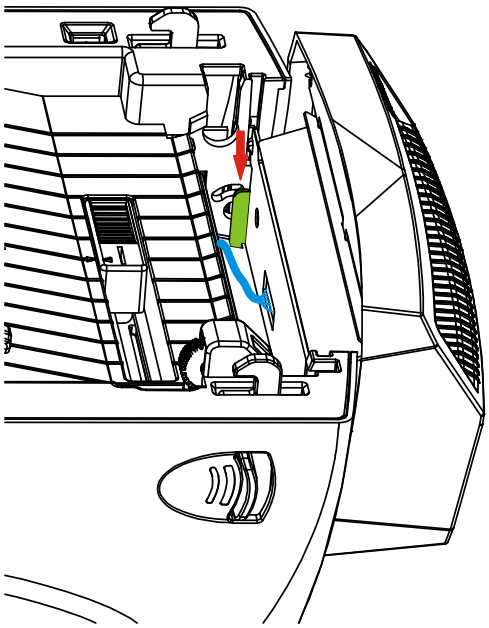
4. Connect the cutter cable to printer



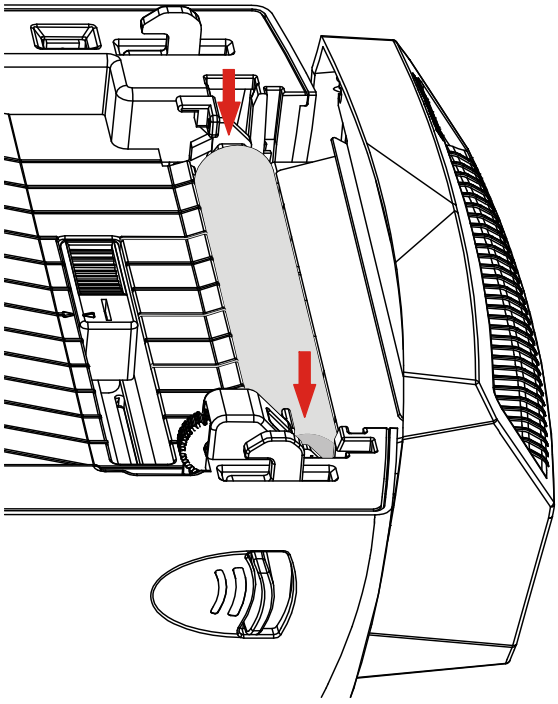
5. Slide vertically the hooks of cutter both side into the slot



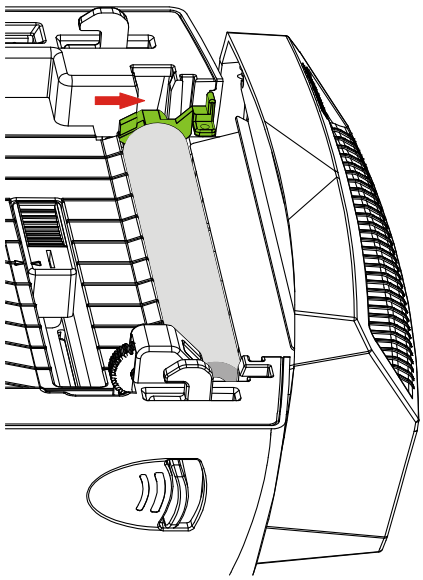
6. Push the cutter hooks to the bottom of two hooks slots, and make sure that lower hooks are fixed firmly on the hooks holes.



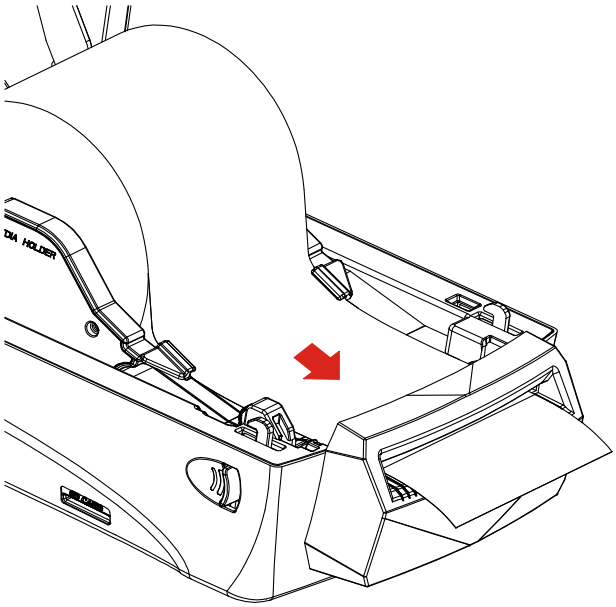
7. Put the platen back in the printer.



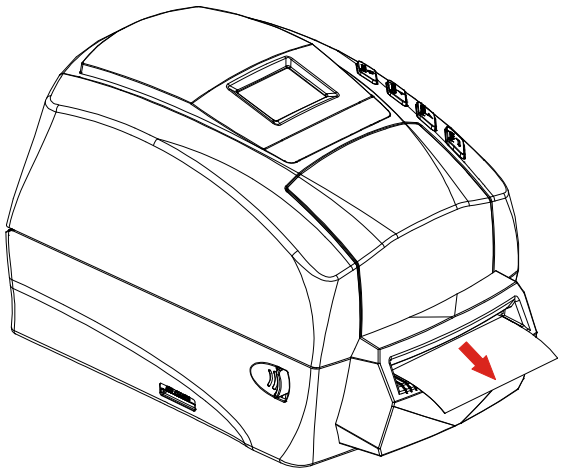
8. Lock the platen bearing tabs



9. Thread the label through the cutter inside slot and press the label under the media guides.



10. Close the printer top cover



Note: The transfer board needs to be installed before installing the cutter.

Please do not touch or insert your fingers into the cutter mouth while cutter is active. It will cause extremely hurt.

4. LCD screen icons

4.1 LCD screen information

LCD screen information consists 5 parts to show the printer status.

① Buttons status bar

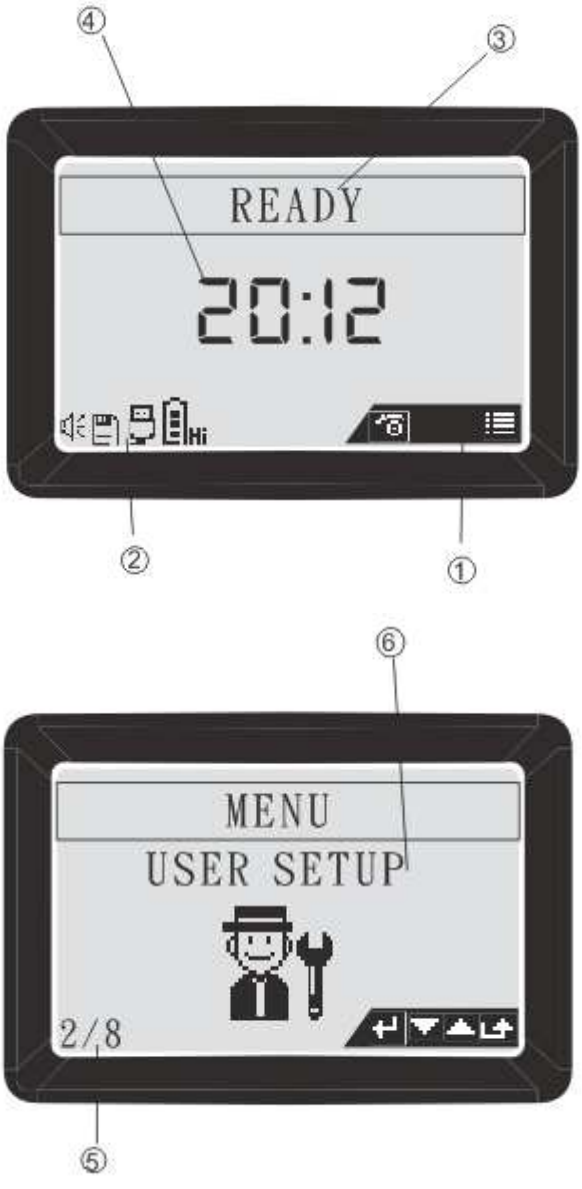
② Device status (when printer is in Ready status)

③ Printer current status and setting level

④ Time and setting icon

⑤ Menu pages

⑥ Printer current setting level, it shows only when printer is in menu function



4.2 Graphic symbol on LCD screen

Device status bar

Symbol	Description
	Buzzer on (buzzer symbol will be shown when buzzer is set to on)
	SD card inserted (SD card symbol will be shown when SD card is inserted)
	USB master interface (keyboard or scanner) inserted (USB master symbol will be shown when interface is inserted
	RTC battery power is full
	RTC battery power is running out

Button status bar: the symbol will be shown on the button status bar when the button function is available.

Symbol	Description
	Feed labels.
	Scroll down
	Scroll up
	Enter
	Escape
	Main menu
	Pause
	Cancel

5. Configuration

5.1 Menu structure

Main menu	Sub-menu	Description
Information		Printer configuration information
User Setup	Language	Change menu language
	LCD Contrast	Contrast of LCD
	Buzzer Volume	Adjust the buzzer volume
	Date	Set the RTC Date
	Time	Set the RTC time
	Default	Initiate to factory default
	Password	Set the password to lock the change of parameter
Comm. Setup	RS-232	Set RS-232 parameter
	Ethernet	Ethernet status and set configuration
Print Setup	Transfer mode	Thermal transfer or thermal direct
	Print mode	Set to peeler, cutter or tear off function
	Speed	Printing speed
	Darkness	Printing heat value
	Label type	Select the label type
	Gap sensor	Select label sensor type

	Print width	Set the print width
	Print X offs	Adjust the origin of printer horizontal coordinate
	Print Y offs	Adjust the origin of printer vertical coordinate
	TPH Y offs	Set the print head vertical offset
	Back Y offs	Set the label stop position for peeler, cutter or tear-off mode
	Error reprint	Reprint the previous label when error occurs
	Cancel mode	Stop printing the current job
Test	Print Config.	Print the printer configuration
	Print test	Print the test pattern
	Label calibration	Calibrate the label
	Dump mode	Print the dump data
	Cutter	Test cutter function
Memory	Free size	Show the free memory size in SDRAM and SD card
	List	List the forms, images and fonts in memory device
	Delete files	Delete separately the stored forms, images and fonts in memory
	Clear memory	Delete all stored forms, images and fonts in the memory
Form	Run the form	Execute the stored form in memory
	Auto form	Execute automatically the selected form as the printer is power on

F/W update		Update firmware directly from the SD card

Note: Only the T4 model which installed with the LCD screen can show the functions this in chapter.

5.2 Parameters setup

5.2.1 User Setup

Parameter	Explanation	Default
Language	**Change menu language** Languages: English, Traditional Chinese	English
LCD Contrast	**Contrast of LCD display** Value: from 0~5	Level 2
Buzzer volume	**Adjust the buzzer volume** Value: off, 1~3	Volume 1
Date	**Set Real-Time clock date** This parameter allows users to set the date Type: Year/Month/Date	None
Time	**Set Real-Time clock time** This parameter allows users to set the time Type: hour/minute/second	None
Default	**Set the parameters to factory default** This parameter allows users to set all the parameters back to factory default	None
Password	**Set the password to protect the parameters** This function allows users to set the password to lock the parameters change of **User**, **Communication** and **Print** Setup to prevent the other users to change it carelessly. Password value range: 0000~9999	0000

5.2.2 Communication setup

Parameter	Explanation	Default
RS-232	**Baud rate** Selection: 1200 ~115200	9600
	Parity Selections: None, Odd, Even	None
	Data bits Selections: 7, 8 bits	8 bits
	Stop bits Selection: 1, 2	1

Ethernet	**Status (Ethernet)-Show only the Ethernet status** Config. Method-**DHCP** or **Static IP** IP address Net Mask Gateway MAC address	
	Configure (Ethernet)-Configure the Ethernet DHCP-Issuing the IP address by DHCP server Static IP- Issuing the IP address by operator	DHCP

5.2.3 Print Setup

Parameter	Explanation	Default
Transfer mode	**Change the printing mode** This setting could change the printing mode Selection: By Command, Direct thermal, Thermal Transfer	By command
Print mode	**Select the print mode** This setting changes the label delivery mode. Selection: Normal, Tear off, Peel off, cut	Normal
Speed	**Adjust the printing speed** This setting could change the printing speed Selection: 1, 2, 3, 4 dpi	3
Darkness	**Adjust print darkness** This setting could adjust the printing quality by the printing heat Selection: 0~15	8
Label type	**Select the label type** This setting could select the media. Selection: Gap/Notch, Mark, continuous	Gap/Notch
Label sensor	**Change the label sensor type** This setting could change the convenient sensor type to detect the label. Selection: By command, see-through, reflective	By command
Print width	**Adjust the print width** This setting determines the printable area by setting the printing dot. Selection: 120~832 dot	832 dot
Print X offs	**Adjust the horizontal origin of coordinate** Selection: -80~+80 dot	00
Print Y offs	**Adjust the vertical origin of coordinate** Selection: -80~+80 dot	00
TPH Y offs	**Adjust the print head vertical offset** Selection: -120~+120 dot	000
Back Y offs	**Set the label stop position** Selection: -080~+120 dot	000

Error reprint	**Repeat the previous label when error occurs** When the error occurs and the printing stops, this function will reprint the label which was interrupted. Selection: Enable, Disable	Enable
Cancel mode	**Set the cancel mode** This function allows users to cancel printing immediately or after completing a label Selection: Page complete, immediate	Page complete

5.2.4 Test

Parameter	Explanation
Print Configuration	**Print all the printer configurations**
Print test	**Print the programmed file to verify if the printer works properly**
Label calibration	**Calibrate the label**
Dump mode	**Print the Dump mode information**
Cutter	**Cutter function test**

5.2.5 Memory

Parameter	Explanation
Free size	Shows the available memory size on SD card and SDRAM
List	List the stored forms, images and fonts in SD card and SDRAM.
Delete file	Delete the stored forms, images and fonts in SD card and SDRAM.
Clear memory	Clear all the stored forms, images and fonts in SD card and SDRAM

5.2.6 Form

Parameter	Explanation
Run the form	Execute the form stored in the SD card or SDRAM
Auto form	This function allows users to run automatically the selected form stored in memory when users re-power on the printer.

5.2.7 Warning message

Icon	Explanation
No form found	Form in SD card or SDRAM is not found. Check if the files are exactly stored in the memory device
No Image found	Image in SD card or SDRAM is not found. Check if the image is exactly stored in the memory device
No font found	Font in SD card or SDRAM is not found. Check if the font is exactly stored in the memory device
No F/W found	Firmware files are not stored in the SD card when updating the firmware.
No Batt. found	Battery is not installed in the printer when setting time and date Check if the battery power runs out or not installed well
Password error	Wrong password is entered Enter the correct password to modify the protected parameters
SD lock	Printer cannot write the data to SD card Unlock the SD card
No cutter found	Cutter is not installed on printer when execute the cutter test
No SD found	SD card in not installed in printer when updating the printer Check if printer is well inserted in printer
Cutter jam	Cutter jams when execute the cutter test Check if the labels stick in cutter
No Ether found	Ethernet module is not installed in printer Check if the Ethernet module is installed or well installed
Flash ROM Full	Internal flash ROM is full Delete un-necessary files to store the current files

5.2.8 Printer status

Icon	Status description
Feed	Feeding the label
Cancel	Cancel the current printing job.
Pause	Pause the current printing job.
Wait peel	Wait to peel the printed label to print the next label
Wait on demand	Wait to press the feed button to print next label. (*This function is available only on sending the command)
Value saved	Save the change of parameters to printer
Dumpping data	Catch the data from communication port and send to printer to print out.
Push to cal	Press the “Feed” button to calibrate the label. (*This function is available on “Label Cal”)

Note: Only the T4 model which installed with the LCD screen can show the functions this in chapter.

6. Troubleshooting

6.1 LCD error message

LCD Displayed	Possible problem	Resolution
Label gap out	Improper sensor type	Ensure the sensor type, reflective or see-through, is selected correctly
	Label senor cable is disconnected or loose	Reconnect or tighten up the sensor cable
	Sensor windows are dirty	Clean the receiver sensors and emitter sensor
	Improper media sensor position	Adjust the media sensor to correct position
	Load the continuous label, but the label type is set to Gap/notch or Mark type	Load the correct media or set the label type to current using media type
Label out	Label runs out	Reload new media roll
Ribbon out	Ribbon runs out	Reload new ribbon roll
	Ribbon roll is not loaded correctly	Ensure the ribbon supply and take up core are fixed correctly
Cover open	Printer cover is open	Close the printer cover
Update fail	Firmware update fails	Re-update the firmware
TPH fail	TPH cable is disconnected	Connect the TPH cable
	TPH is faulty damaged	Replace a new TPH
Check sum error	Firmware update fails.	Re-update the firmware
No cutter found	Cutter is not installed when printing	Check if cutter is installed in printing
Cutter jam	Cutter jams when printing	Check if labels stick in cutter

Note: Only the T4 model which installed with the LCD screen can show the functions this in chapter. All the problems occur will be shown on Flashing the Cancel button in red.

7. Specifications

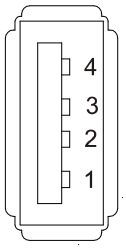
7.1 T4 series general specifications

Model	T4	T4e
Resolution	203/300 dpi	203/300 dpi
Print mode	Direct Thermal/Thermal Transfer	
CPU	32-bit CPU	
Memory	RAM: 8MB SDRAM ROM: 4MB Flash ROM Expendable slot for SD card (up to 4GB) Flash ROM expandable to 8MB	RAM: 8MB SDRAM ROM: 4MB Flash ROM Flash ROM expandable to 8MB
Print speed	200 dpi 1 to 4 ips/300 dpi 1 to 3 ips	
Max. print length	150” (3810mm)	
Print width	4.1” (104mm)	
Sensor type	Moveable see-through and reflective sensor Label sensor Ribbon sensor Cover open sensor	Moveable reflective sensor Ribbon sensor Cover open sensor
Display	Backlight LCD display 128x64 dots	N/A
Control panel	4 multi-functional keys 4 status LED light 1 error LED light	4 functional keys 4 status LED light 1 error LED light
Media	Maximum label width: 4.33” (110mm) Minimum label width: 0.59” (15mm) Maximum roll diameter: 5” (127mm) Core diameter: 1.0” (25.4mm) Media thickness: 0.002” (0.06mm) to 0.0075” (0.2mm) Media type: Continuous, die-cut, tag, fan-fold, black mark	
Ribbon	OD: 1.535” (39mm) Max length: 100m Width: 1.0” (25.4mm) to 4.3” (110mm) ID: 0.5” (12.7mm)	

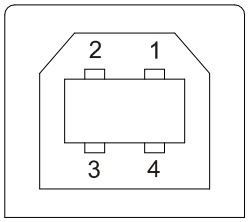
	Ribbon type: Wax, wax/resin, resin	
Interfaces	Serial port-RS-232 USB master port USB slave port Ethernet port 10/100Mbps (option)	Serial port-RS-232 USB master port USB slave port Ethernet port 10/100Mbps (option)
1D barcodes	Code39 standard or extended, Code39 with check digit, Code93, Code128 UCC, Code128 auto A,B,C modes, Codabar, EAN8, EAN8/13 2&5 digit add-on, EAN13, Interleaved 2 of 5, Interleaved 2 of 5 with check digit, Interleaved 2 of 5 with human readable check digit, UCC/EAN 128, UPC A, UPC A 2&5 digit add-on, UPC E, UPC E 2&5 digit add-on, UPC Interleaved 2 of 5, Code11	
2D barcodes	Data Matrix, MaxiCode, PDF417, QR code	
Fonts	5 internal expandable bitmap fonts (alpha-numeric) 2 internal expandable bitmap fonts (numeric only) Downloadable soft font 4 directions: 0, 90, 180, 270 degrees	
Image	PCX, Direct binary graphic	
Options	T4 Peeler kit T4 Cutter Ethernet module Expansion memory card	T4e Peeler kit T4e Cutter Ethernet module Expand card with battery
Power	Switching power adapter Input: 100 to 240V, 1.8A, 50~60Hz Output: 24V, 2.5A	
Audio	Beep sound when error occurs	N/A
Real Time Clock	Factory default	Battery board card
Environment	Operation: 5℃ to 45℃(40℉ to 112.9℉) Storage: -20℃ to 50℃ (-4℉ to 121.9℉)	
Humidity	Operation: 10% to 90% non condensing Storage: 5% to 95% non condensing	
Printer dimension	Width: 200.00mm (7.83”) Length: 263.19mm (10.36”) Height: 188.29mm (7.41”) Weight: 2KG	
Certification	CE, FCC class B, CB, CCC	

7.2 Universal Serial Bus (USB) port pin assignment

Connector type: Type A and B



USB A (Master)



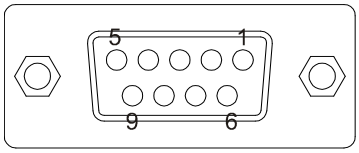
USB B (Slave)

Pin	Function
1	VBUS
2	D-
3	D+
4	GND

Note: Master VBUS provides +5V max current 500mA. Slave VBUS is N/C.

For more information about USB, please visit the website: www.usb.org.

7.3 Serial port pin assignment

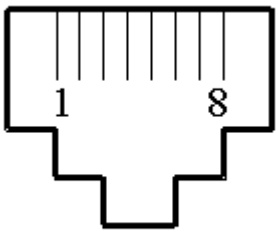


Pin	Printer side
1	N/C
2	TXD
3	RXD
4	DSR
5	GND
6	DTR
7	CTS
8	RTS
9	+5V

Note: Serial port provides +5V max current 500mAh

Note: Serial port is available on T4 model

7.4 Ethernet module port pin assignment



Pin	Signal
1	Tx+
2	Tx-
3	Rx+
6	Rx-

Appendix A

Standalone operation on T4 and T4e

SBARCO provides users to operate the T4 series printer alone without connecting PC to print labels by using normal USB interface keyboard or scanner. Especially, users can select whenever any form stored in printer's memory or SD card to print through the LCD monitor on T4

This section shows the way how to operate the standalone operation on T4 and T4e.

Description of keyboard

With normal keyboard, T4 could be executed standalone operation without connecting PC. The description of keyboard function is as below:

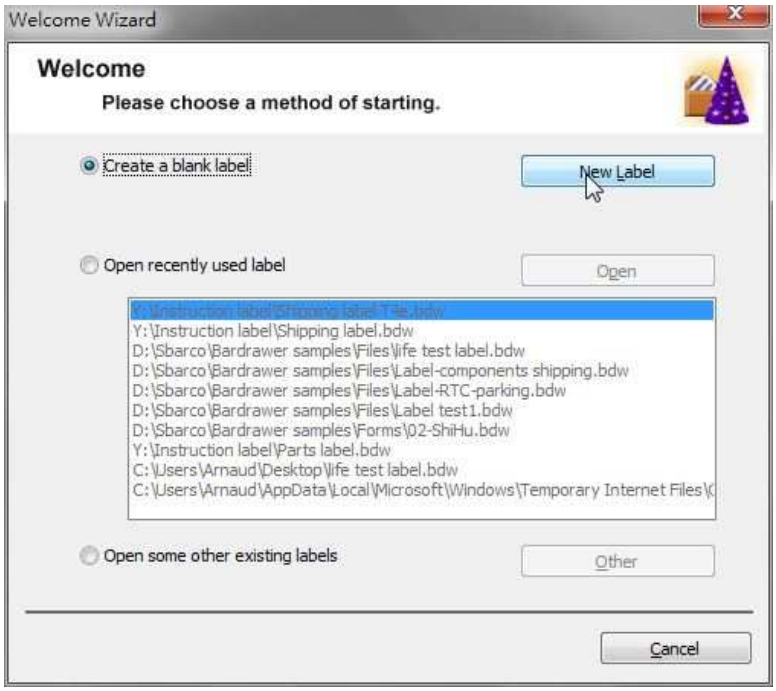
Printer Status	Main Menu	Sub Menu	Key functoin	Description
Ready			F1	Enter / Exit LCD Menu
			F4	Feed
Printing			F2	Cancel printing job.
			F3	Pause printing job.

Printer Status	Main Menu	Sub Menu	Key functoin	Description
Form Operation	FORM	RUN THE FORM AUTO FORM	~ ! @ # $ % ^ & * ( ) - + ` 0 ~ 9 =	Data
			{ } | : " < > ? [ ] \ ; , . /	
			A ~ Z	
			a ~ z	
			0 ~ 9	
			Space	
			ESC	Control Key
			Caps Lock	
			Left Shift	
			Right Shift	
			Backspace	
			Home	
			Delete	
			End	
			←	
			→	
			Num Lock	

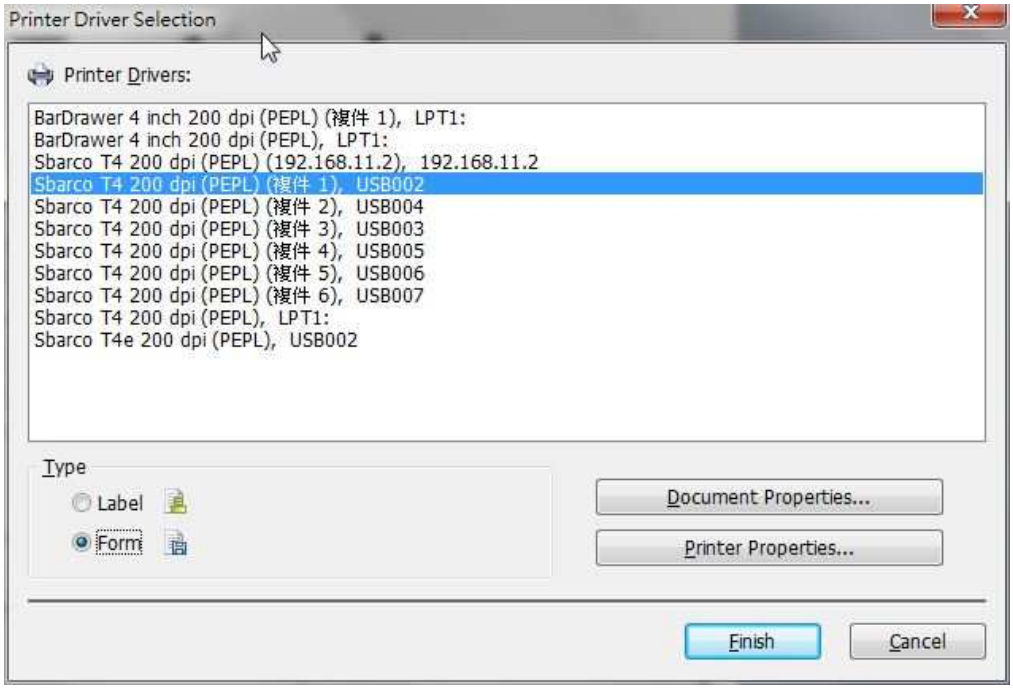
Printer Status	Main Menu	Sub Menu	Key functoin	Description
LCD Menu	MENU ITEM		↑	Scroll up.
			↓	Scroll down.
			ESC	Return to last menu level.
			Enter	Etner menu item.
	SETTING		↑	Scroll up.
			↓	Scroll down.
			ESC	Return.
			Enter	Save
	USER SETUP	DATE	↑	Scroll up.
		TIME	↓	Scroll down.
		PASSWORD	ESC	Return.
			Enter	Save / Next setting item.
	PRINT SETUP	DARKNESS	↑	Add Value
		PRINT WIDTH		
		PRINT X OFFS	↓	Reduce Value
		PRINT YOFFS		
		TPH Y OFFS	ESC	Reutrn
		BACK Y OFFS		
			Enter	Save
	TEST	PRINT CONFIG	↑	Add item
		PRINT TEST		
		LABEL CAL.		
		DUMP MODE	↓	Next item
		CUTTER		
	MEMORY	FREE SIZE		
		LIST	ESC	Return
		DELETE FILES		
		CLEAR MEMORY		
	FORM	RUN THE FORM	Enter	Select / Run funtcion.
		AUTO FORM		
	F/W UPDATE			

Form making in T4

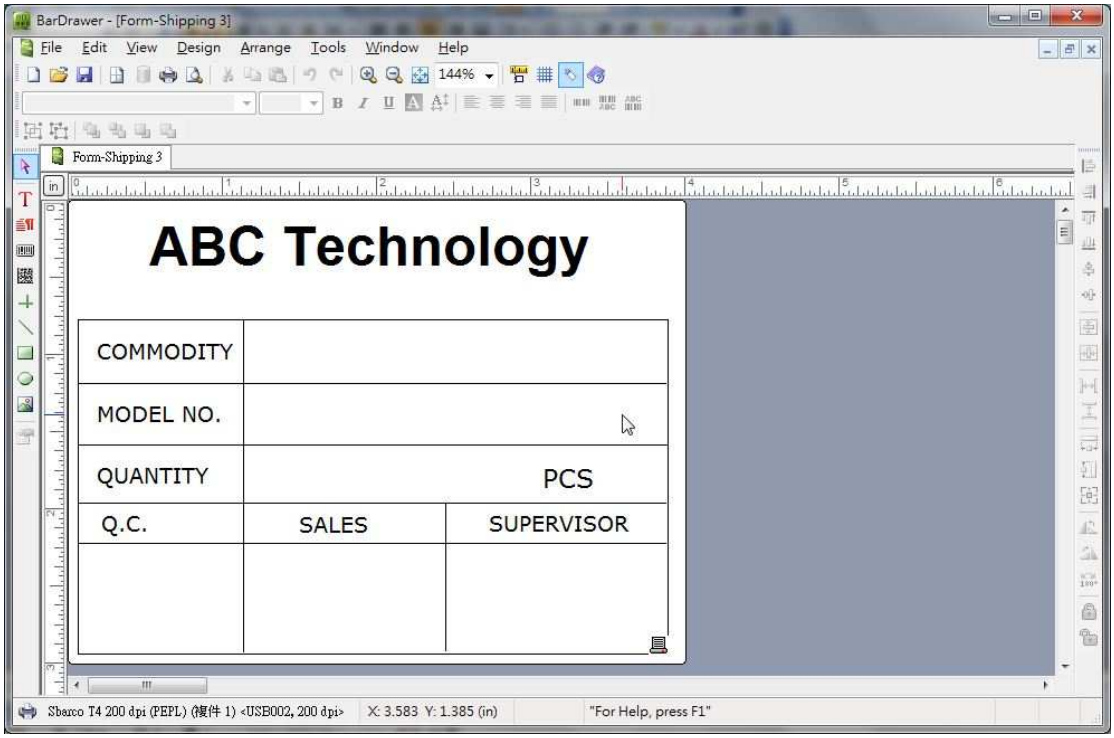
1. Create a new blank label



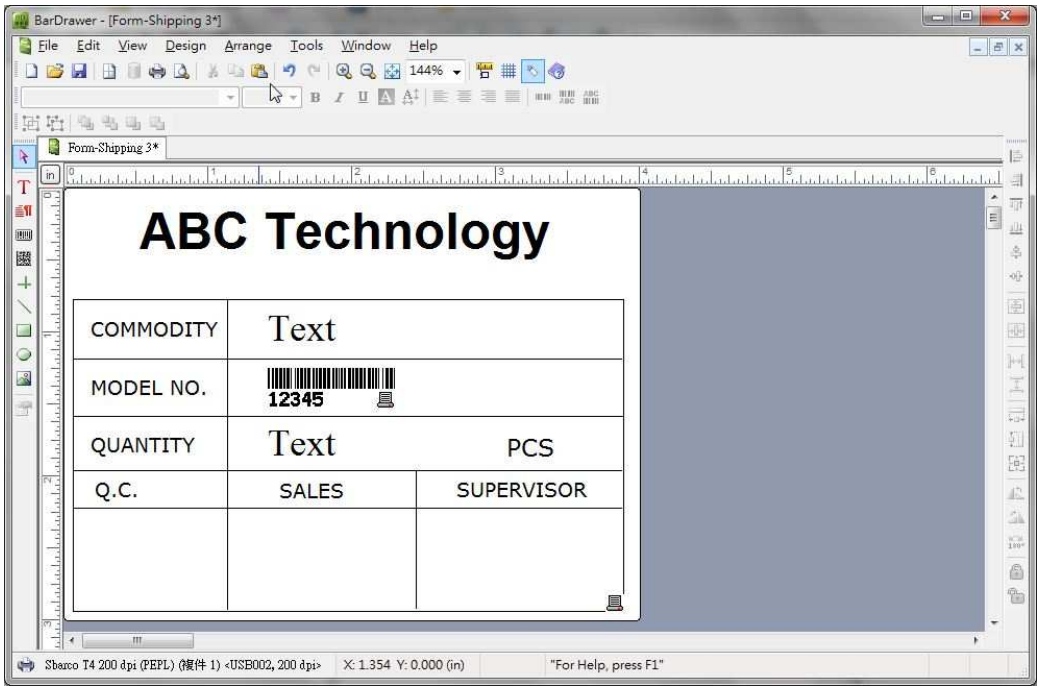
2. Select “form” type and press Finish button


Printer Driver Selection
Printer Drivers:
BarDrawer 4 inch 200 dpi (PEPL) (複件 1), LPT1:
BarDrawer 4 inch 200 dpi (PEPL), LPT1:
Sbarco T4 200 dpi (PEPL) (192.168.11.2), 192.168.11.2
Sbarco T4 200 dpi (PEPL) (複件 1), USB002
Sbarco T4 200 dpi (PEPL) (複件 2), USB004
Sbarco T4 200 dpi (PEPL) (複件 3), USB003
Sbarco T4 200 dpi (PEPL) (複件 4), USB005
Sbarco T4 200 dpi (PEPL) (複件 5), USB006
Sbarco T4 200 dpi (PEPL) (複件 6), USB007
Sbarco T4 200 dpi (PEPL), LPT1:
Sbarco T4e 200 dpi (PEPL), USB002
Type
Label
Form
Document Properties...
Printer Properties...
Finish
Cancel

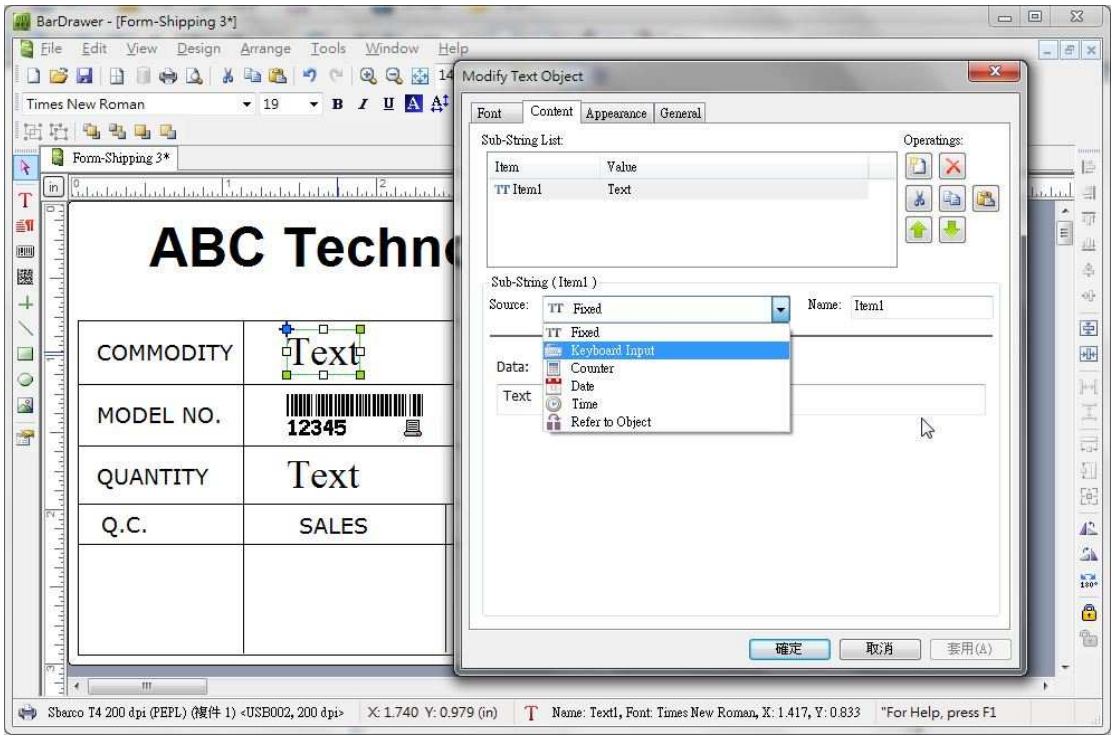
3. Edit a form



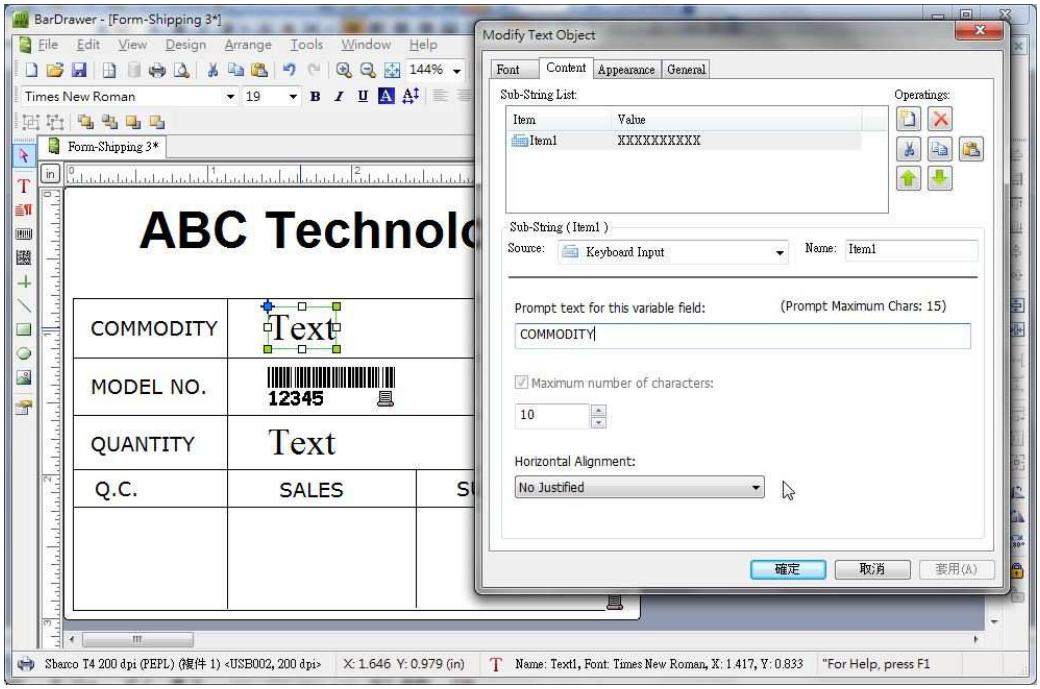
4. Enter the “Text” or Barcode in editing field



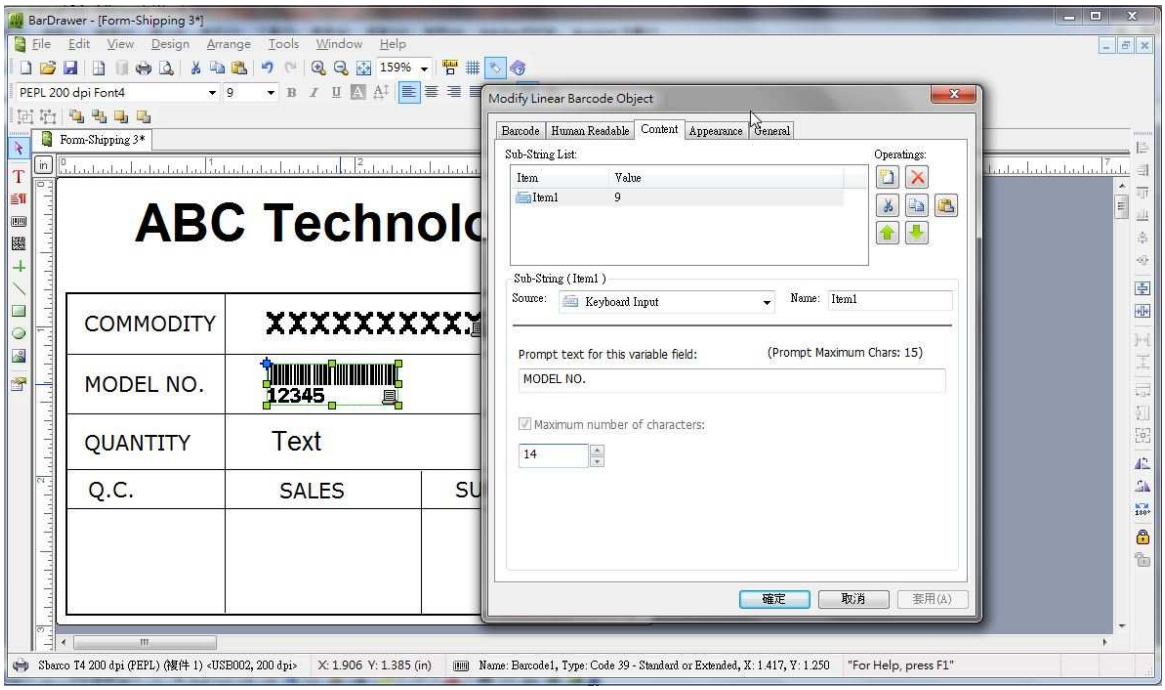
5. Click twice on the “Text”, select “Keyboard input” in Source field.

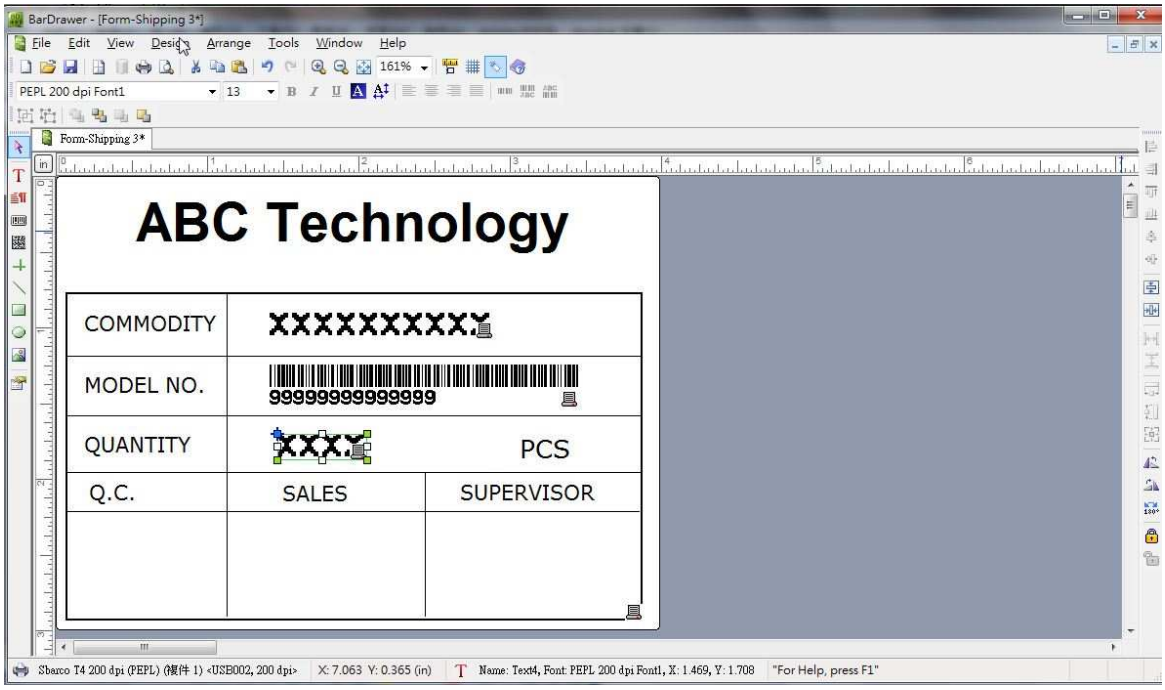


6. Enter the prompt text would like to be shown on LCD monitor. Enter also the max. characters.

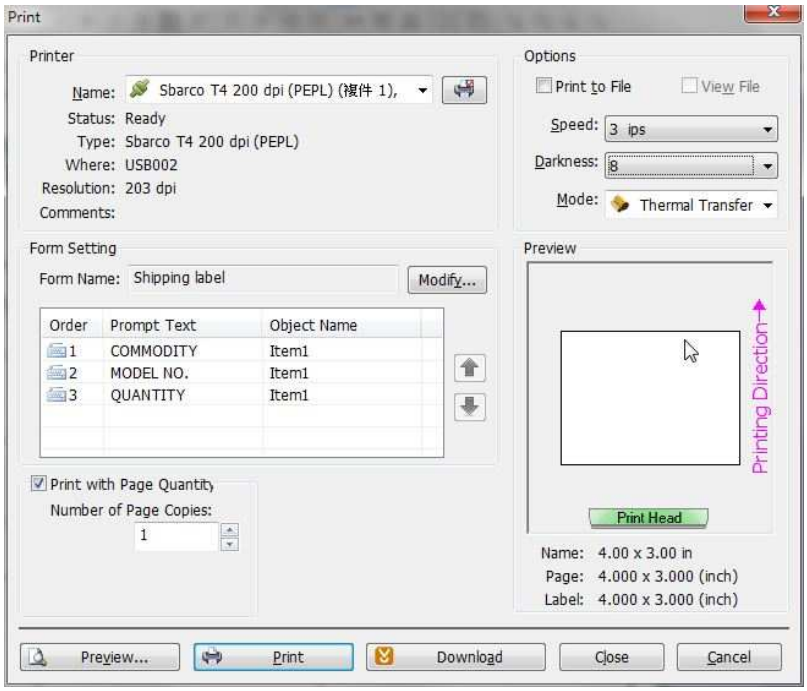


7. Follow the last step for the other variable text.



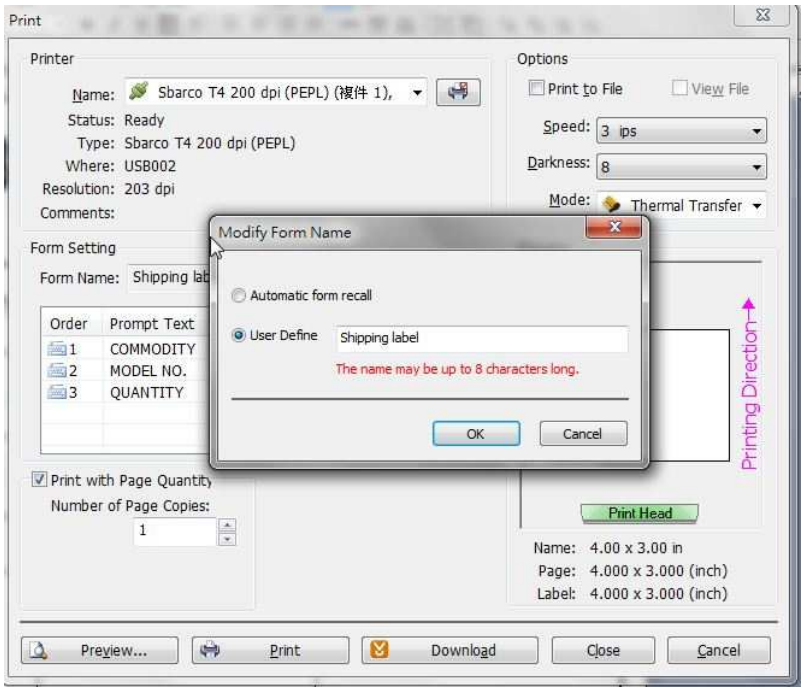


8. Press “Print” button to modify the form name

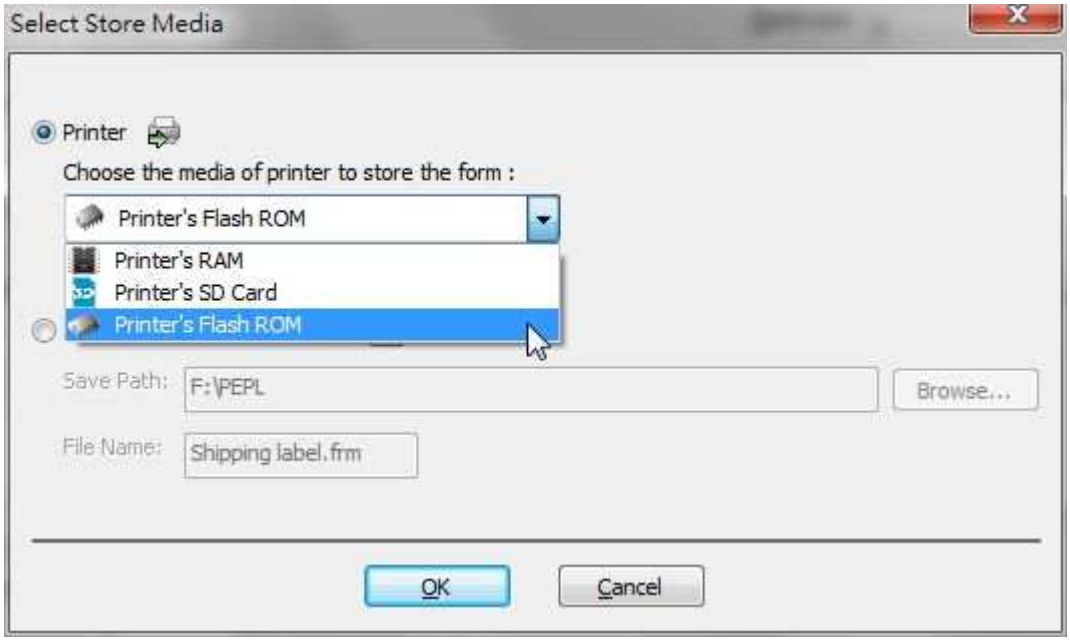


9. Modify the form name

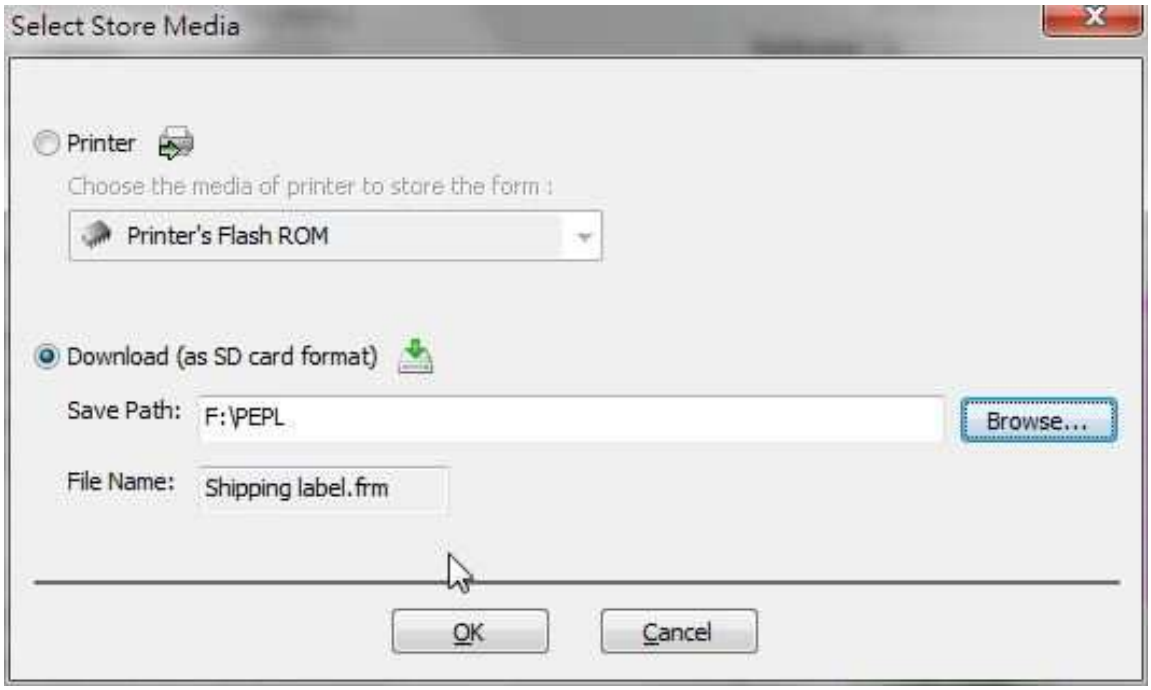
10. After modifying the form name, press “Download” and “Save” to load the form to memory device.



11. There 3 ways you could store the form into Printer’s: RAM, Flash ROM or SD card.



12. The form could be also stored in PC or SD card inserted in PC



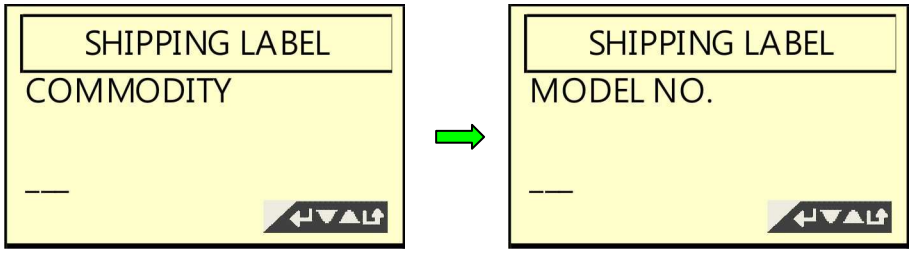
13. After downloading the form into the printer's flash ROM, check the FORM LIST in memory of printer menu. The form name "Shipping label" will be shown in FORM list.

Note:

- ✓ This feature is available only on T4
- ✓ **R**: Form is stored in printer's SDRAM. The Form will disappear when printer's power is off
- ✓ **F**: Form is stored in printer's Flash ROM. The Form is saved in memory even power off the printer
- ✓ **D**: Form is stored in SD card.

14. Select the form Shipping label in the menu of “RUN THE FORM”

15. Follow the prompt text you set to enter the data from the keyboard:

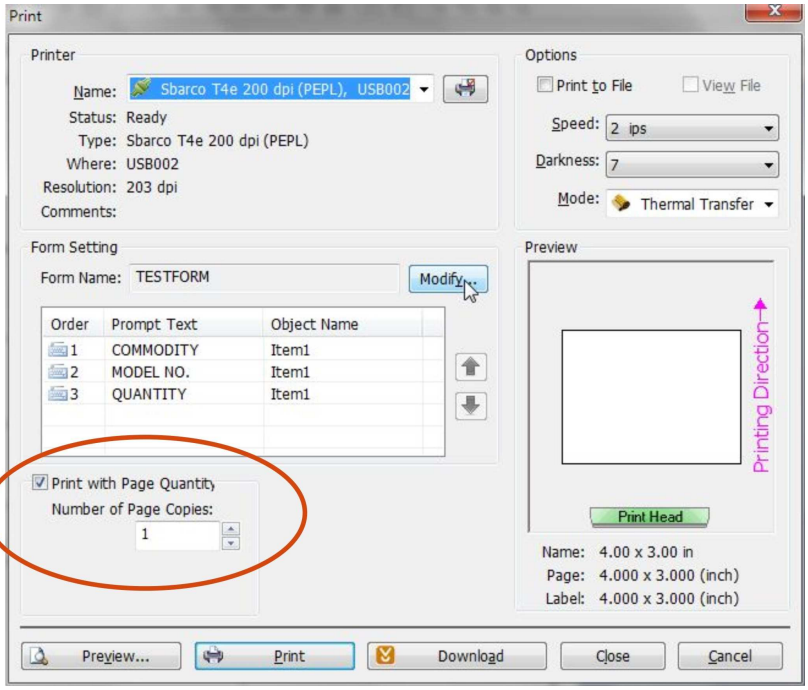


Enter the commodity

Enter the model No

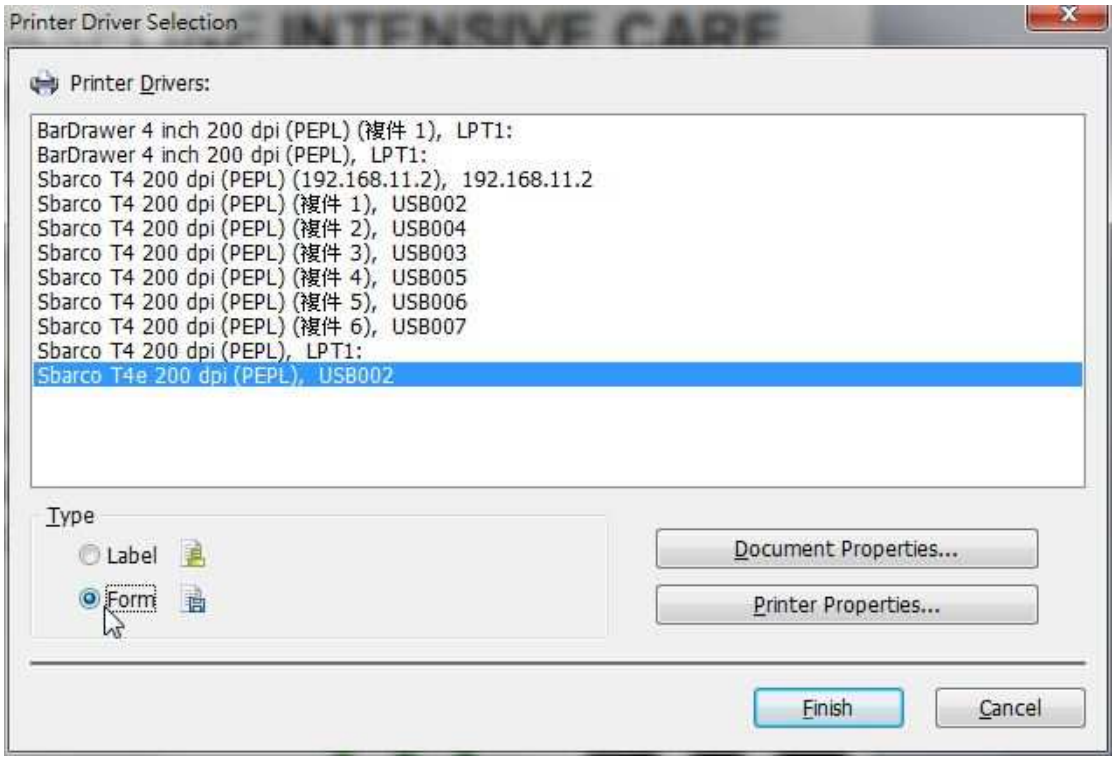
Enter the quantity

16. Then, the printer will print the label quantity you set, if you set already the print quantity.

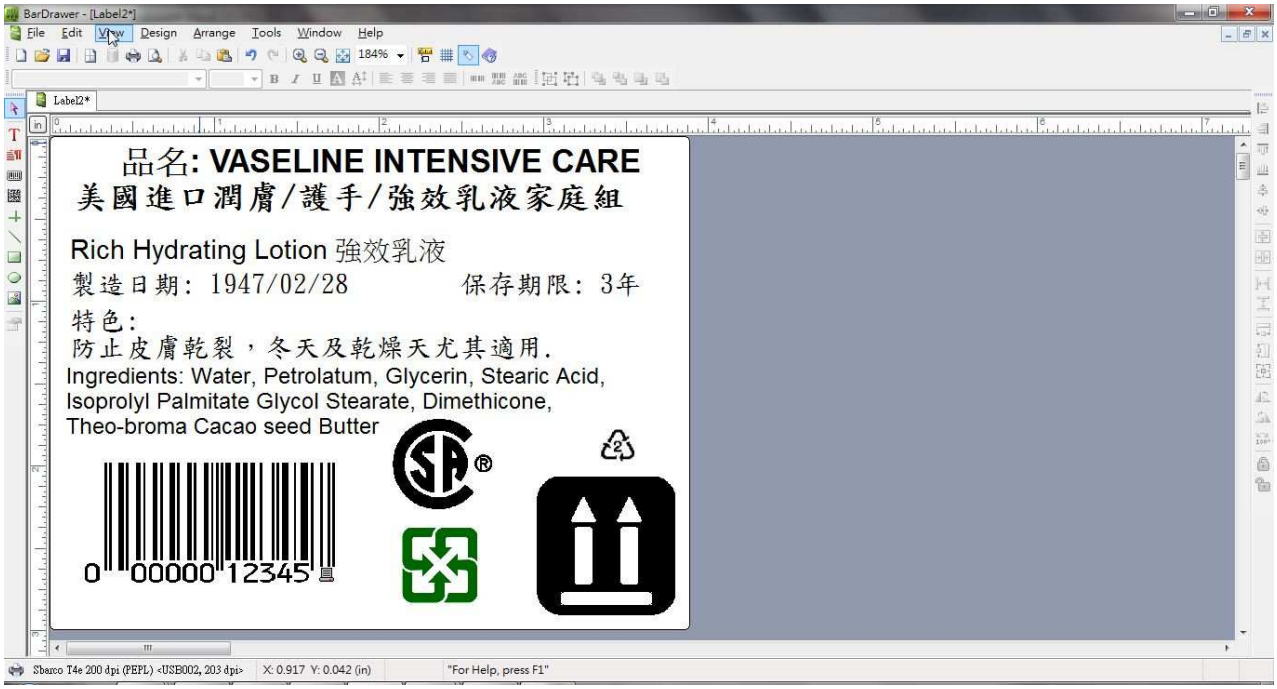


Form making in T4e (Scan to print)

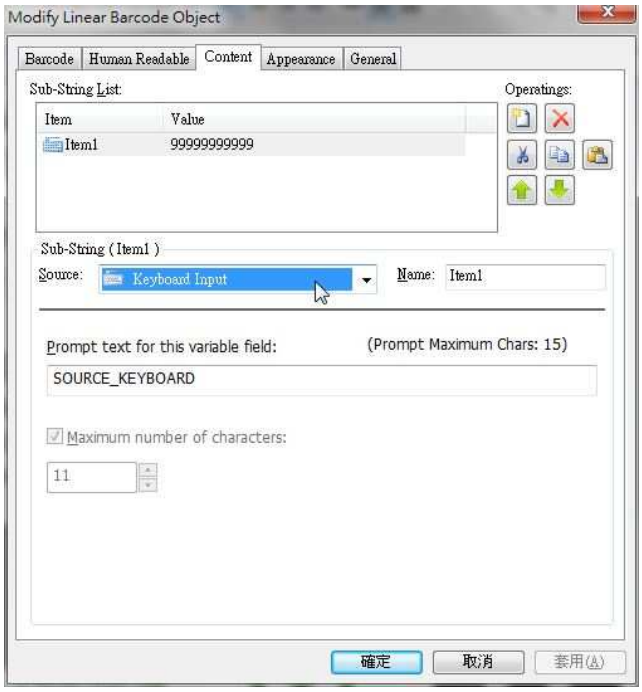
1. Create a new form


Printer Driver Selection
Printer Drivers:
BarDrawer 4 inch 200 dpi (PEPL) (複件 1), LPT1:
BarDrawer 4 inch 200 dpi (PEPL), LPT1:
Sbarco T4 200 dpi (PEPL) (192.168.11.2), 192.168.11.2
Sbarco T4 200 dpi (PEPL) (複件 1), USB002
Sbarco T4 200 dpi (PEPL) (複件 2), USB004
Sbarco T4 200 dpi (PEPL) (複件 3), USB003
Sbarco T4 200 dpi (PEPL) (複件 4), USB005
Sbarco T4 200 dpi (PEPL) (複件 5), USB006
Sbarco T4 200 dpi (PEPL) (複件 6), USB007
Sbarco T4 200 dpi (PEPL), LPT1:
Sbarco T4e 200 dpi (PEPL), USB002
Type
Label
Form
Document Properties...
Printer Properties...
Finish
Cancel

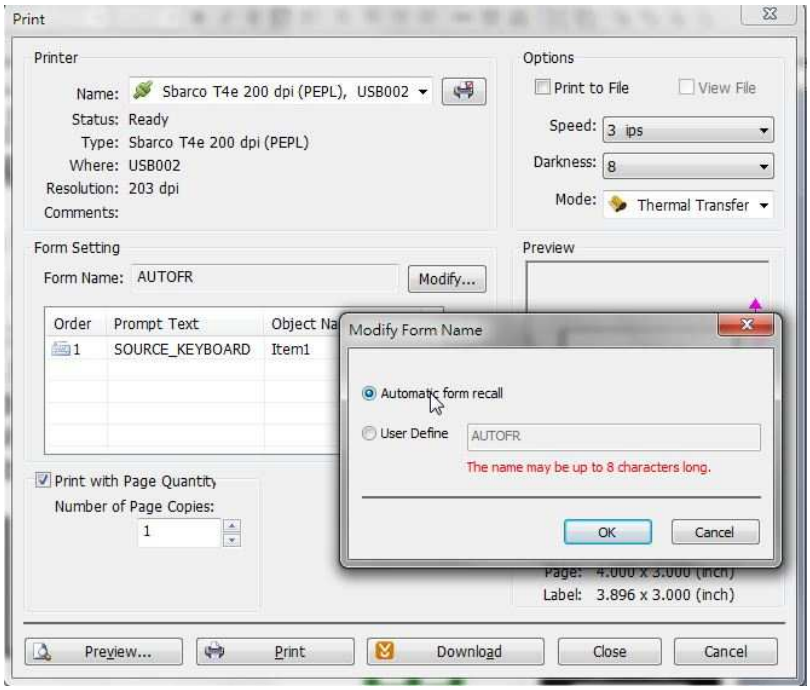
2. Edit a label



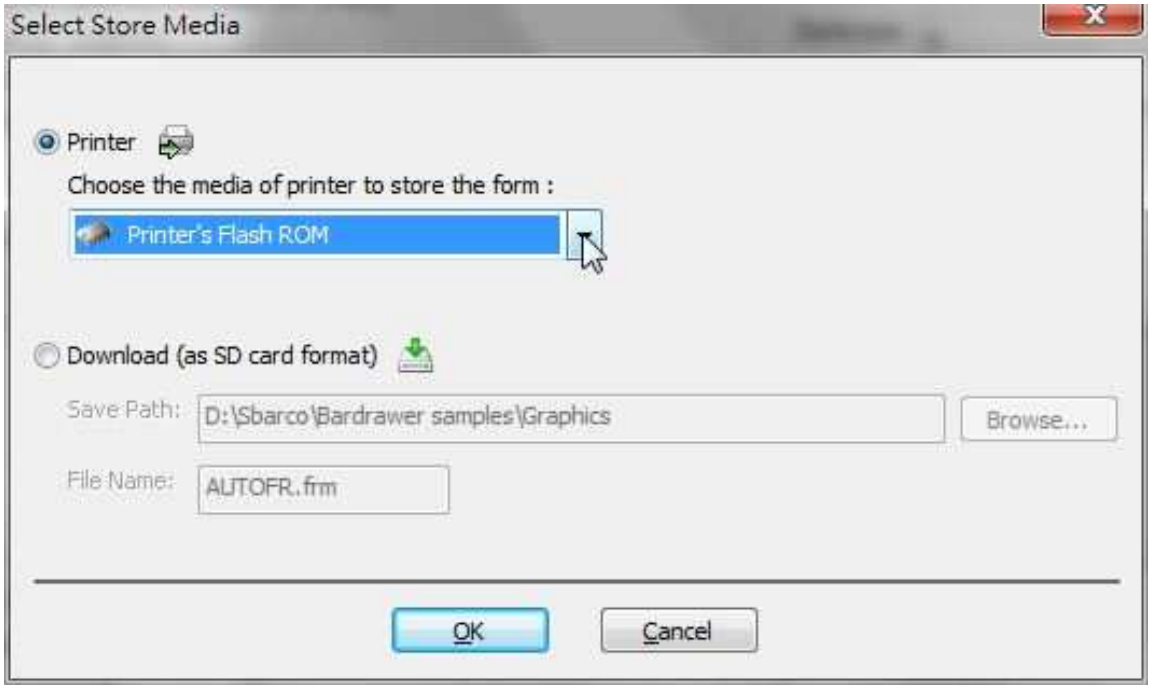
3. Click twice on barcode to set the Source “Keyboard Input”



4. In print, set the form as “Automatic form recall”. The form name will be changed automatically to “AUTOFR”



5. Save the Auto form in printer



6. When the Auto form is sent and saved in T4e printer, the light of FUNC key on panel will extinguishes. It means it is Auto Form mode. The Scanner with USB interface could be plugged into the printer for “Scan to Print’ function.
7. Pressing “FUNC” key could quit the AUTO FORM mode, and light of FUNC key will be on. When repower the printer, it will enter automatically the AUOTO FORM mode.

Modification record

Version	Date	Modification	Page
Ver 2.3	6-Aug-13	Label calibration on T4 and T4e	19, 21